



MCAST

# PROSPECTUS 2024-2025

## Apprenticeships and Work-Based Learning

At MCAST, we are determined to create an environment that helps you in your journey to accomplish what you love. As a Vocational Education and Training (VET) Institution, MCAST firmly believes this can be achieved through Work-Based Learning (WBL). WBL is an integral and core activity of high-value vocational education and training for all students. MCAST is responsible for designing, developing, and implementing WBL within several areas of economic activity, spanning various disciplines across all levels of the Qualifications Framework. WBL provides you with an excellent opportunity to develop employability skills.

The MCAST Apprenticeship and Work-Based Learning Department is there to support and assist you in finding vacancies for on-the-job training that fuels your interest, motivation, skills and competences in your area of study. The apprenticeship scheme allows you to work and learn with one of MCAST's partners throughout your learning journey.

Your employability matters to us

[apprenticeships@mcast.edu.mt](mailto:apprenticeships@mcast.edu.mt)



How to  
Apply online



# Mission Statement

To provide universally accessible vocational and professional education and training with an international dimension, responsive to the needs of the individual and the economy.

## Il-Missjoni tal-Kulleġġ

Biex jiprovdi edukazzjoni u taħriġ vokazzjonali u professjonali li jintlaħqu minn kulhadd, b'dimensjoni internazzjonali, u li jaqdu l-bżonnijiet tal-individwu u tal-ekonomija.

Checkered colours that flicker like pixels on a screen or a woven pattern. At MCAST, we want your learning journey to be inspiring and colourful. Our approach to learning encompasses the value of the artisans' craft while encouraging the exploration of new technology. Connectedness is key; creating links between diverse disciplines and sectors matters to us. It's the weaving together of the talents, creativity and efforts of our staff and students that create the fabric of our community. We pride ourselves in an inclusive community, like a rich tapestry.

**We are here to help**

[career.guidance@mcast.edu.mt](mailto:career.guidance@mcast.edu.mt)





*Professor Joachim James Calleja  
Principal and CEO*



*Professor Ian Refalo, President of  
the Board of Governors*

# Welcome

Education, creativity and innovation are at the heart of our MCAST community. We want you to thrive in a vibrant and dynamic environment. We believe your learning, knowledge, and skills matter in a rapidly changing and technology-driven world. We value the importance of skills, trades and heritage while taking a future-looking approach. Learning should be a rich tapestry which brings together different talents and perspectives.

The College aims to provide the best possible learning experience for all learners. We want to address your specific needs at different course levels while providing a seamless progression. All learning at all levels matters to us.

At MCAST, you can expect real-world experiences preparing you for your future career. We have built a strong network of industry partners to help you get the necessary experience that prepares you for the workplace of the future. Even our teaching and learning spaces are designed to facilitate learning by doing.

Our course offer leads to careers in almost all sectors of the economy, from aviation to engineering, artificial intelligence and IT, social care, animal care and agribusiness, finance, accounting and management, nursing, the maritime sector, the creative industries and the applied sciences such as green, food and chemical technologies and environmental health.

This prospectus offers a glimpse into the unique experience provided by the College as a centre of excellence in vocational education and training. We want to support your interests and career aspirations.

Join the MCAST community as we work together for your success!



# Merħba

L-edukazzjoni, il-kreattività u l-innovazzjoni huma fil-qalba tal-komunità tal-MCAST. Nixtiequ li tirnexxi f'ambjent vibranti u dinamiku. Nemmu li t-tagħlim, l-għarfien u l-ħiliet tiegħek huma importanti f'dinja li qed tinbidel malajr u fejn it-teknoloġija qed tingħata aktar importanza. Napprezzaw l-importanza tal-ħiliet, tas-snaġġa' u tal-wirt kulturali filwaqt li nħarsu lejn il-futur. It-tagħlim għandu jinseg it-talenti u perspettivi differenti.

L-MCAST jaħdem bla waqfien biex jilħaq il-mira tiegħu li jipprovdi l-aħjar esperjenza possibbli ta' tagħlim lill-istudenti tiegħu. Il-Kulleġġ għandu l-għan li jindirizza l-ħtiġijiet speċifiċi tiegħek f'kull livell, waqt li nassiguraw li jkollok il-possibilità li timxi mingħajr diffikultà għall-korsijiet ta' livelli oġġla. It-tagħlim kollu fil-livelli kollha huwa importanti għalina.

Fl-MCAST, noffru esperjenzi tad-dinja reali li jippreparawk għall-karriera tiegħek. Bnejna netwerk b'saħħtu ta' msieħba fl-industrija biex ngħinuk tikseb l-esperjenza meħtieġa li tfejjik għall-futur tiegħek fuq il-post tax-xogħol. Kemm it-tagħlim kif ukoll il-faċilitajiet tagħna ġew imfassla biex l-istudenti jittgħallmu permezz tal-prattika.

Il-korsijiet li noffru jwasslu għall-karrieri f'bosta setturi tal-ekonomija: l-avjazzjoni u l-iġinerija, l-intelliġenza artifiċjali u l-IT, il-kura soċjali, il-kura tal-annimali u l-agrikoltura, il-finanzi, l-accounting u n-negozju, is-settur tas-saħħa, il-marittimu, l-industrija kreattiva u x-xjenza applikata bħat-teknoloġiji tal-ikel u l-kimika u s-saħħa ambjentali.

Permezz ta' dan il-prospett tista' tagħti titwila lejn l-esperjenza unika li joffri l-Kulleġġ bħala centru ta' eċċellenza fl-edukazzjoni vokazzjonali u t-taħriġ. L-interessi u l-aspirazzjonijiet għall-karriera tiegħek huma importanti għalina.

Ingħaqad mal-komunità tal-MCAST biex flimkien naħdmu għas-suċċess tiegħek!

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# MCAST

MCAST is engaged in a constant consultation process with industry stakeholders to upgrade the quality of its programmes. This ensures they are regularly updated to reflect the latest best practices and technologies required to achieve a more successful employment career. MCAST reserves the right to change the programmes' contents according to these changing needs and circumstances. MCAST reserves the right not to offer courses if there are insufficient applications. The programmes featured in this Prospectus are governed by Regulations, Policies and Procedures as approved by the MCAST Council of Institutes. These documents are available for viewing at any of the Institutes, the Office of the Registrar or on the MCAST website [mcast.edu.mt](http://mcast.edu.mt). This Prospectus has been compiled by MCAST, the copyright owner. No reproduction, copying, image scanning, storing or recording by any means in any form, for broadcasting or transmission through any medium, of any part of this Prospectus is permitted without the express written consent of MCAST. All intellectual property rights are reserved. MCAST shall not accept responsibility for any errors, omissions, or inaccuracies that might occur.

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# Using this Prospectus

Welcome

MCAST

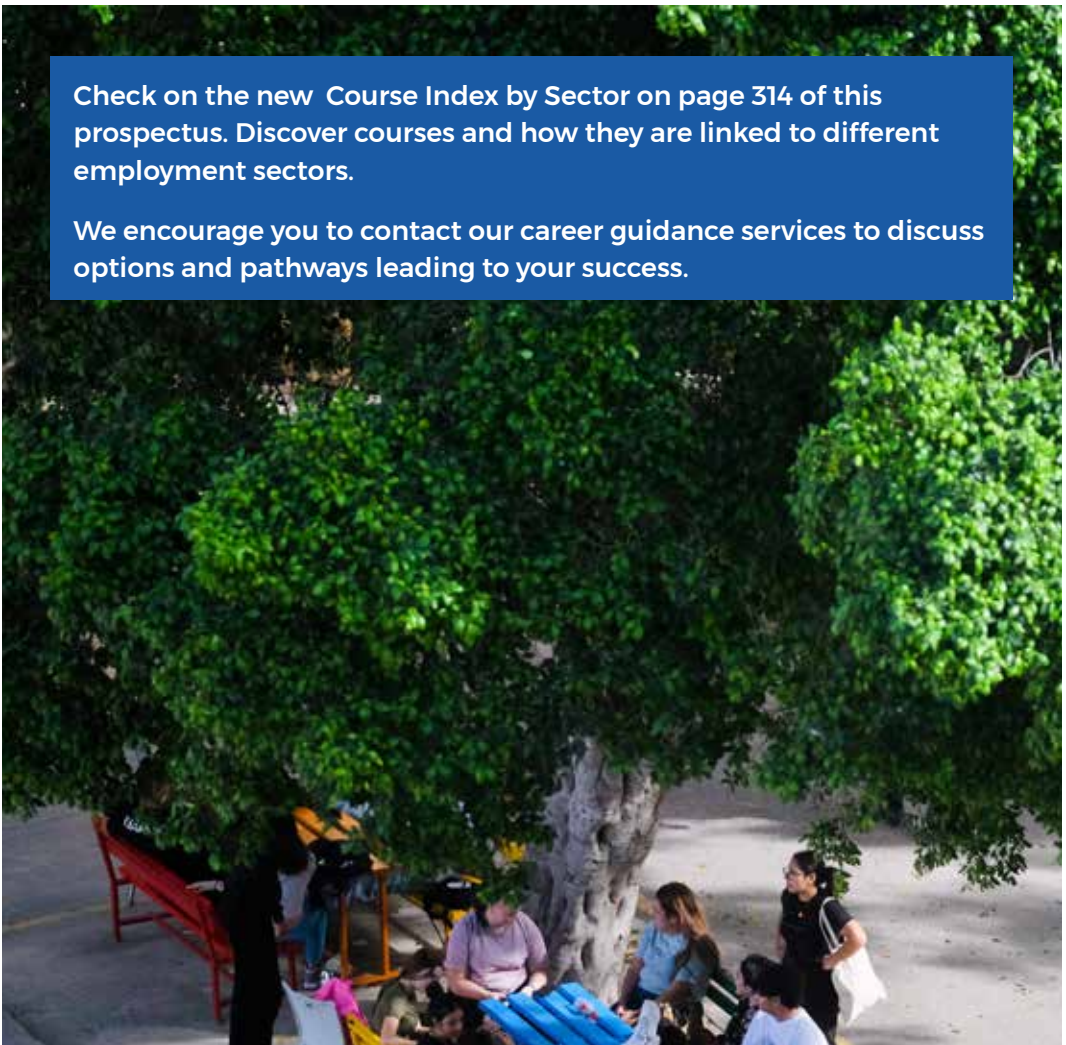


**This is a guide to help you choose your learning and career path. Choosing the right course can be exciting and overwhelming. Here are some steps to help you navigate the different courses and career paths:**

- Discover the different subjects and courses
- Check the career paths and employment sectors that interest you
- Check entry requirements
- Look at the different levels offered, from entry-level to bachelor's or master's
- Contact our career guidance for help at [careerguidance@mcast.edu.mt](mailto:careerguidance@mcast.edu.mt)
- Check our website and follow our social media for updates
- Visit our Campus and talk to staff and students

**Check on the new Course Index by Sector on page 314 of this prospectus. Discover courses and how they are linked to different employment sectors.**

**We encourage you to contact our career guidance services to discuss options and pathways leading to your success.**



# Why Choose MCAST?



# 1 Hands-on experience

Work-based learning (WBL) is central to your learning at MCAST. You will be learning by doing, and you will have an excellent opportunity to develop employability skills. The MCAST Apprenticeship and Work-Based Learning Department supports and assists you in finding vacancies for on-the-job training that fuels your interest, motivation, skills and competences in your area of study.

# 2 Student Support

Our services are designed to help students throughout the entire learning journey. MCAST takes a proactive approach to help you better cope with the academic. Safeguarding your well-being is what drives us in everything that we do. We are here to ensure that you have access to services and support appropriate to your needs and circumstances.

The Wellbeing Hub offers the following services:

- Counselling and Psychotherapy services
- Addiction-Related issues
- Psychiatric services
- Nutritional advice
- Tobacco Cessation support
- Sexual Health services
- Social Work services

You'll find services designed to help you grow and make new connections.

The Youth Hub

The Integration Office

Career Guidance Service

Student Liaison Office

Grievance Office

MCAST Salesian Chaplaincy Team

Community Social Responsibility

## 3 A place for everyone

Our mission is to embrace everyone. As a Community College for all, we hold no barriers. Our courses are designed with inclusivity and access in mind. As a prospective student, we want you to know about the support you will have available at the College. We will provide you with the education assistance needed. Students with specific needs or disabilities such as dyslexia, autism, and visual/hearing impairment can register with the Inclusive Education Unit (IEU). The services are available at all levels and institutes.

MCAST's commitment to creating an inclusive and safe environment for all was recognised with the award of the Equality Certification Mark in 2023. We want you to feel valued and respected in an environment that promotes fairness and inclusivity irrespective of gender, age, religion, sexual orientation, disability or any other characteristic.

## 4 An international community

At MCAST, we have no geographic or academic borders. Students from over 90 countries have chosen MCAST and Malta as their place to learn and further their studies. The College has been working with leading educational institutions across the globe to deliver outstanding teaching, exchange opportunities and research.

The attraction of studying in the heart of Europe and the value of high-quality education and excellent career prospects make Malta a truly exciting and unique experience for all students.

[mg2i.international@mcast.edu.mt](mailto:mg2i.international@mcast.edu.mt)

## 5 Mobility and Opportunities

The MCAST Erasmus+ Projects and Mobility Office identifies international opportunities to provide students with experience abroad, both in their studies and in the world of work, mainly through the Erasmus+ programme. We support students before, during and after their mobility to get the best possible exposure to the work environment. Apart from providing a learning/training experience, Erasmus+ helps students grow up, mature and learn about different European people and cultures. We have partners across Europe.

## 6 A Vibrant Campus

Each year, we invest in new facilities to make sure you can enjoy campus life to the full. Activities are organised all throughout the year, including Freshers' activities, Expos, Open Days, exhibitions, conferences, talent shows and sports days.

The Library at the MCAST Resource Centre (MRC), with its modern concept and design and its seating capacity of 340, lends itself to contemporary student needs and has seen a substantial and welcome increase in the number of users, both from students who are after group study as well as from those who prefer silent areas of study. While the Library has become a must-see for visitors from international delegations, it has also hosted a number of high-profile national events, exhibitions, and book launches. It has increased its investment in physical books, e-books, and magazines, as well as databases such as EBSCO, Emerald, IEEE, ProQuest, and WebLinks. It has also extended its opening hours to accommodate users after College hours.

You are welcome to use our sports facilities whether you are a serious athlete, a casual gym-goer, or need to unwind before, in between or after lectures. Football, basketball, handball, tennis courts, and pitches are available to all students and staff. You can also visit our Fitness Centre and get a chance to speak with a staff member for advice to help you get started or follow your programme.

## 7 Student Life

You will also have the opportunity to join student organisations and to make your voice heard. This creates opportunities to grow through discussions, debates and encounter with other members of our community.

The KSM (Kunsill Studenti MCAST) is an independent, unaffiliated body at the heart of the College, whose sole purpose is to represent and safeguard the rights of each MCAST student.

The KSM executive is composed of members directly elected by the students in the yearly council election. Student organisations and independent candidates contest this election and present candidates for each role within the executive.

# 8 Our Institutes

## **INSTITUTE OF APPLIED SCIENCES**

At the Institute of Applied Sciences, learners are prepared for technological careers within the health, pharmaceutical, environmental, and food and beverage sectors. Students learn to appreciate the fundamental principles of science related to technological operations at the workplace while developing the skills to work in laboratories, hospitals, farms, and with environmental technologies and methodologies. The Institute also caters to Agriculture, Aquatics, and Animal Sciences students. The facilities for these Agriculture courses are based at our campus in Qormi.

## **INSTITUTE OF BUSINESS MANAGEMENT & COMMERCE**

The Institute of Business Management and Commerce offers courses ranging from Financial Services and Accounting to Marketing and Procurement. At the lower levels, courses are of a generic nature and offer a taste of different sectors. Across the spectrum of studies, course content becomes more specific, helping learners attain a better focus on their career path. An integral characteristic of VET programmes of study is that learners benefit thoroughly from different forms of industry experience.

## **INSTITUTE OF COMMUNITY SERVICES**

The Institute of Community Services equips learners with the required holistic skills in Sports and Social Care, Early Years, Beauty, Hairdressing, Inclusive Education and Protection, Security and Enforcement. The programmes amalgamate theory and practice to provide a hands-on experience to the learners, which reflects the workplace and its requirements. This Institute is equipped with a number of resources to enable this approach to learning, such as a fully functional hair salon, a beauty salon, and a care room.

### **INSTITUTE FOR THE CREATIVE ARTS (Mosta Campus)**

The Institute for the Creative Arts offers a growing portfolio of courses, ranging from art and design to graphic design and printing, creative media production, photography and journalism, fashion design and performing arts, and cultural heritage skills. The Institute works closely with the industry to provide students with realistic assignment briefs and experiences. The creative arts play a crucial role in communicating visions and ideas which words alone cannot fully express.

### **INSTITUTE OF ENGINEERING & TRANSPORT**

The Institute of Engineering and Transport is equipped with the latest technology in related training programmes. The Institute is organised into a number of Centres and Departments, covering the respective areas, namely Aviation Maintenance and Training, Building and Construction, Electrical and Electronics Engineering, Mechanical Engineering, Automotive Engineering, and Maritime Studies. Learners interested in embarking on a career in these areas can start off their studies at an entry-level, progressing towards the achievement of prestigious exit-level qualifications.

### **INSTITUTE OF INFORMATION & COMMUNICATION TECHNOLOGY**

The Information and Communication Technology is the natural choice for qualifications serving the ICT industry. The Institute offers various entry points to successfully obtain the required qualifications with the possibility to continue furthering one's studies at higher levels. Qualifications focus on networking, software development, and business analytics. This Institute works closely with the industry to keep courses relevant to their needs while providing the best training using the latest tools and emerging technologies.

### **GOZO CAMPUS**

The MCAST Gozo Campus offers a selection of full-time day courses ranging from MQF Levels 1 to 6 and covering a broad spectrum of vocational disciplines. Some of these programmes lead learners directly to employment, whilst others lead to higher-level studies in Gozo and/or Malta. MCAST training programmes delivered at the Gozo Campus fulfil the same quality assurance standards that are applicable to the same programmes delivered at the respective MCAST Institutes in Malta, ensuring that Gozitan students benefit from the same quality of service on their home ground.

## MCAST Programme Regulations and Student Handbook

In order to ensure the best possible student experience, prospective students are advised to read the respective MCAST Programme Regulations and the MCAST Student Handbook.

### Mode of Teaching, Learning and Assessment and Total Learning Hours (Qualifications at EQF/MQF Levels 1 to 6)

All full-time courses at MCAST are delivered through face-to-face learning in accordance with directives issued by the Health Authority.

The total learning hours required for each unit or module are determined as indicated below:

(ECTS)	Indicative Contact Hours	Total Student Workload (hours)	Self-Learning and Assessment Hours
1	5-10 hrs	25 hrs	20-15 hrs*
6	30-60 hrs	150 hrs	120-90 hrs*
12	60-120 hrs	300 hrs	240-180 hrs*

\*The Self-Learning and Assessment Hours amount to the difference between contact hours and total student workload. For ECTS allocated to respective units, please refer to the Course Outline on the MCAST website.

### Mode of Teaching, Learning and Assessment and Total Learning Hours (Qualifications at EQF/MQF Level 7)

The Masters programmes offered are professional in nature and entail both theoretical lectures delivered in classes as well as practical elements that are delivered in laboratories, workshops, simulators as the module requirements dictate. Programmes are delivered in blended learning form (a combination of face-to-face and online learning) in accordance with directives issued by the Health Authority. The ratio of face-to-face and online learning is provided in the respective Course Outlines available on the MCAST website.



## Korsijiet tal-MCAST – Regolamenti u l-iStudent Handbook

Studenti prospettivi huma m'hegga jaqraw ir-Regolamenti tal-MCAST dwar il-kors partikolari tal-għażla tagħhom kif ukoll l-MCAST Student Handbook. Dan sabiex jassiguraw li l-esperjenza tagħhom fil-Kulleġg tkun waħda mill-aqwa.

### Metodu tat-Tagħlim, Studju u Valutazzjoni tat-Tagħlim u n-Numru Totali ta' Sigħat ta' Tagħlim (Kwalifiki minn Livell 1 sa Livell 6 skont il-Qafas tal-Kwalifiki Ewropew/Malti)

Fl-MCAST il-korsijiet kollha full-time isiru wiċċ imb' wiċċ, filwaqt li jiġu osservati d-direttivi maħruġa mill-Awtorità tas-Saħħa.

It-total ta' sigħat ta' tagħlim meħtieġa għal kull unità ta' studju jew modulu huma stabbiliti skont kif jidher hawn taht:

(ECTS)	Indikazzjoni tan-Numru ta' Sigħat ta' Kuntatt Dirett	Numru ta' Sigħat ta' Xogħol li mistennija jagħmlu b'kollox l-Istudenti	Numru ta' Sigħat fi Studju Indipendenti u Valutazzjoni tat-Tagħlim
1	5-10 sigħat	25 siegħa	20-15-il siegħa*
6	30-60 siegħa	150 siegħa	120-90 siegħa*
12	60-120 siegħa	300 siegħa	240-180 siegħa*

\*Is-Sigħat ta' Studju Indipendenti u l-Ħin ta' Valutazzjoni jammontaw għad-differenza bejn is-sigħat ta' kuntatt dirett u n-numru totali ta' sigħat ta' xogħol li kull student/a huwa/hija mistenni/ja li jagħmel/tagħmel tul il-kors.

### Metodu tat-Tagħlim, Studju u Valutazzjoni tat-Tagħlim u n-Numru Totali ta' Sigħat ta' Tagħlim (Kwalifiki tal-Livell 7 skont il-Qafas tal-Kwalifiki Ewropew/Malti)

Il-programmi li jwasslu għal kwalifika ta' Master u li huma offruti mill-MCAST huma programmi ta' natura professjonali li jinvolvu kemm lezzjonijiet ta' teorija mgħallma fil-klassi kif ukoll taħriġ dwar elementi prattiċi li jsir f'laboratorji, workshops jew permezz ta' eżerċizzji ta' simulazzjoni, skont ma jkun jirrikjedi l-modulu partikolari. Il-forma tat-tagħlim tkun waħda m'ħallta (lezzjonijiet li jsiru wiċċ imb' wiċċ imżewġa b'oħrajn onlajn), waqt li dejjem jiġu osservati d-direttivi maħruġa mill-Awtorità tas-Saħħa. Jekk tixtieq tkun taf il-proporzjon ta' kemm lezzjonijiet isiru fil-klassi u kemm isiru onlajn, żur il-websajt tal-MCAST u ara l-Course Outline tal-kors speċifiku li jinteressak.



## Conditions for Application

### 1. A new applicant is:

**Either:** One who up to June 2024 was not attending a full-time course at MCAST,

**Or:** An MCAST student who completely failed all units forming part of the first year of a full-time course of studies and wishes to re-apply to start the same course from scratch,

**Or:** A student who up to June 2024 attended a course at MCAST but now wishes to start a different course, not through progression, but in a different area of study,

**Or:** A student registered as an MCAST student up to June 2024 but who stopped attending for some reason and now wishes to come back to proceed with their studies at MCAST.

2. All applicants must fill in the official online Application Form, which is made available through the MCAST Web Portal ... How to Apply Online Section throughout the application time window. During the application time window, applicants will find guides and resources on the same Web Portal to find online applications easier to handle. Application time windows will be published on the MCAST Web Portal. Where applicants possess a local and active e-ID, applications are submitted using that e-ID. International applicants are guided to present their online applications by communicating with [internationalappl@mcast.edu.mt](mailto:internationalappl@mcast.edu.mt). In the case of International non-EU applicants, the last possible date of application is 15<sup>th</sup> August 2024 – unless otherwise published on the MCAST Web Portal.
3. Applications submitted without all the necessary documentation cannot be processed. Only official MATSEC / SEC result documents must be uploaded (and not screenshots of SMSs sent by MATSEC). In the case of the SSC&P (Secondary School Certificate & Profile), all four pages of the document are to be uploaded. Any other Certificates / Transcripts or documents showing qualification achievement are to be uploaded with no parts clipped off. In all such documents, the bearer's full name and surname and - where applicable - the ID Number is to be clearly shown. Uploads that are not clear cannot be processed. Applicants are kindly asked to label all the scans they upload using their full name and surname and the type of document uploaded to the scan. On the Online Application – Uploads section - one will find further guidance on uploading the required documents.
4. Grades 5/C or better are considered as 'O' level passes. In the case of 'O' level passes in Maltese, Italian and Religion, only the SEC results are accepted.
5. Applicants who sit for examinations of Overseas Examination Boards and at the time of receipt of applications are still waiting for results, may submit a provisional application as long as the results are presented by the end of the last week in August. The grades of these subjects are to be listed as 'Provisional'.
6. After the closing date for the receipt of applications, no changes in application forms are accepted except for the results of Overseas Boards for Provisional subjects.



## ACCESS ARRANGEMENTS

7. MCAST strives to be an equal opportunities College and welcomes students with learning difficulties and disabilities. Special needs students are required to:
  - Have the necessary entry qualifications
  - Discuss their needs with a member of the MCAST Inclusive Education Unit (IEU)
  - Produce recent professional documents on their special requirements to follow the course
  - Set up an appointment to discuss particular educational needs by contacting the Inclusive Education Unit on 2398 7127.

## SELECTION OF APPLICANTS AND FURTHER INFORMATION

8. Applicants in possession of any other qualifications not listed as an entry requirement in this Prospectus will have their application received as 'Provisional'. The application will be considered by the MCAST Admissions Board.
9. If applicants cannot find the desired progression route, their application will be received as 'Provisional', and the MCAST Admissions Board will consider their application.
10. Applications received after the final closing date will not be considered.
11.
  - a. When the number of places available on a course is limited, and the number of applicants who choose the course and satisfy the entry requirements exceeds the number of available places, an order of merit is drawn up for all applicants selecting the course. On the other hand, it is to be noted that an MCAST full-time course will take off only if there is a minimum number of eligible applicants.
  - b. Students who, in July 2024, successfully completed a course at MCAST and apply to progress (Form B) to a higher course in the same area of study will be given priority over those applicants who apply for the same course from outside MCAST.
  - c. Aptitude Tests and/or Interviews - In those cases where an aptitude test and/or an interview is carried out, the admission of applicants will be based on the number of points acquired based on their qualifications after having passed the aptitude test and/or interview.
  - d. Initial Assessment Tests - Applicants having an unrated SSC&P will be required to sit for the Initial Assessment Tests in Maltese, English Language and Mathematics. Applicants found to require significant support will be guided to join the Level 1 Introductory Certificate course. Applicants with SEC/O-Levels at grades 6 or 7 in at least two subjects from Maltese, English Language and Mathematics or an SSC&P with an overall rating of Level 1 or Level 2 will be exempted from the Initial Assessment Tests and will start directly at Level 2.



e. Applicants are selected for the Level 1 or Level 2 courses based on the results obtained in their SSC&P or on the results obtained in the Initial Assessment Tests in cases where the SSC&P is not available or is unrated.

12. All grades of SEC Ordinary, Intermediate and Advanced level examination results are allocated a number of points, as shown in the following table:

Ordinary Level		Intermediate Level		Advanced Level	
Grade	Points	Grade	Points	Grade	Points
1/A	<b>10</b>	A	<b>16</b>	A	<b>26</b>
2	<b>9</b>	B	<b>15</b>	B	<b>24</b>
3/B	<b>8</b>	C	<b>14</b>	C	<b>22</b>
4	<b>7</b>	D	<b>13</b>	D	<b>20</b>
5/C	<b>6</b>	E	<b>12</b>	E	<b>18</b>
				O	<b>6</b>

13. After an applicant is considered eligible for a course, the number of points is worked according to the course requirements;
- The total points for Compulsory subjects are multiplied by 5;
  - The total points for Preferred subjects are multiplied by 3;
  - The total of all the points obtained by an applicant indicates the place in the order of merit for admission into a course.
14. For the application to be considered complete, the applicant must fill in the GDPR Consent Form granting MCAST permission to process the data accordingly. In instances of applicants under 18 years of age (at the date of application submission), parental consent through the same online application portal is required.
15. If there are courses where places are still available after the first call for applications, there will be other calls for application. The application time windows are mainly defined by the MATSEC results publication dates – before the start of the academic year.
16. Any application to join a course or any request to change a course application must go through the Admissions and Records Department within the Office of the Registrar and will not be accepted beyond a date agreed upon by the Council of Institutes unless approved by the MCAST Registrar.
17. When the number of applicants for a course is not viable, the College reserves the right not to offer the course, and applicants will be given the opportunity to change their course choice.



## VOCATIONAL DEGREES

18. Holders of a full Level 5 Higher Diploma issued by MCAST or equivalent may request to access directly the final year of the Bachelor's Degree programme subject to validation by the MCAST Admissions Board. Appropriate considerations in line with MCAST Regulations and Procedures in this aspect will be taken by the mentioned Board. Applicants with equivalent HNDs from approved Further Education Institutions may be considered for eligibility. Applicants with other qualifications as approved by the College will be considered after following the appropriate College procedures for such cases.

## APPLICATIONS SUBMITTED UNDER THE MATURITY CLAUSE

19. Applicants who satisfy the following conditions may apply for consideration to join MCAST programmes as mature students:
- Be in possession of a School Leaving Certificate and other certificates achieved at various levels – depending on the course level one is aspiring to follow.
  - Have, by the end of the same calendar year, attained:
    - a. the age of 27 years for entry to programmes at MQF Level 7
    - b. the age of 23 years for entry to programmes at MQF Levels 5/6
    - c. the age of 21 years for entry to programmes at MQF Level 4
    - d. the age of 19 years for entry to programmes at MQF Level 3.
  - Demonstrate that they stand to benefit and show that they can follow the chosen programme of study. This is done through an interview held for the purpose and any other possible actions that gauge the applicant's standing and sound preparation for the chosen programme of studies. Shortlisted applicants will be called for an interview to assess their suitability for the selected programme. Age is not the only criteria for eligibility. The Maturity Clause Selection Board may require candidates to undertake additional studies as part of their acceptance. The Board may recommend an alternative programme where this is considered appropriate. The Board reserves the right to evaluate the applicant's competences through various modes of assessment.
20. Prospective applicants who may wish to be considered through avenues that are alternative to the entry requirements set in this Prospectus are guided to look at the following important policies found on the MCAST Web Portal:
- Recognition of Prior Certified Learning (RPCL)
  - Recognition of Prior Experiential Learning (RPEL).
21. Vocational programmes for secondary schools (BTEC L2 Extended Certificate) shall enjoy the same parity of esteem as one SEC/O Level at:
- Distinction = Grade 1  
Merit = Grade 3  
Pass = Grade 5.

Please refer to the "How to Apply Online" Section on [mcast.edu.mt](http://mcast.edu.mt), for the latest updates related to "Conditions for Applications", as well as resources to guide in the online application process.

All students who successfully complete an MQF Level 3 MCAST programme of studies will be eligible to progress to any MQF Level 4 MCAST programme, provided they fulfil any applicable compulsory entry requirements.



# Kundizzjonijiet għal min japplika

## 1. Applikant ġdid huwa:

**Jew:** Xi ħadd li sa Ġunju 2024 ma kien jattendi l-ebda kors full-time l-MCAST,

**Jew:** Student tal-MCAST li ma għadda mill-ebda unità tal-ewwel sena tal-kors full-time li kien jattendi, u jixtieq jerga' japplika biex jibda l-istess kors mill-ġdid,

**Jew:** Student li attenda kors l-MCAST sa Ġunju 2024 imma jixtieq li, minflok ikompli, bl-istudji tiegħu fl-istess kors, jibda kors f'qasam totalment differenti,

**Jew:** Student li sa Ġunju 2024 kien reġistrat l-MCAST bħala student imma li, għal xi raġuni, waqaf jattendi u issa jixtieq jerga' lura l-MCAST biex ikompli l-istudji tiegħu.

- L-applikanti kollha għandhom jimlew il-Formola ta' Applikazzjoni uffiċjali li tinkiseb online mill-MCAST Web Portal tul iż-żmien kollu li fih ikunu qed jintlaqgħu l-applikazzjonijiet. Applikanti li għandhom e-ID lokali valida għandhom jużaw dik l-e-ID biex jissottomettu l-applikazzjoni tagħhom. Applikanti barranin jiġu ggwidati biex jissottomettu l-applikazzjoni tagħhom online billi jikkomunikaw ma' internationalapps@mcast.edu.mt.
- Applikazzjonijiet li jiġu sottomessi mingħajr id-dokumenti kollha meħtieġa ma jkunux jistgħu jiġu pproċessati. Għandhom jiġu uploaded biss ir-riżultati uffiċjali tal-MATSEC/SEC (u mhux screenshots tal-SMSs mibgħuta mill-MATSEC). Fil-każ tal-SSC&P (Secondary School Certificate & Profile) għandhom jiġu uploaded l-erba' paġni tad-dokument. Ċertifikati / Transcripts jew dokumenti oħra li juru l-kisba ta' kwalifiki għandhom jiġu uploaded mingħajr ma tinqata' ebda parti. F'dawn id-dokumenti kollha, l-isem u l-kunjom tal-applikant, kif ukoll in-numru tal-ID – fejn applikabbli – għandhom ikunu jidhru ċari. Uploads li ma jkunux ċari ma jkunux jistgħu jiġu pproċessati. L-applikanti huma ġentilment mitluba jimmarkaw l-iscans kollha li japplowdjaw billi jniżżlu isimhom sħiħ, kunjomhom u t-tip ta' dokument li jkun qed jiġi applowdjat fl-iscan.
- Il-gradi 5/C jew aħjar huma meqjusa bħala pass fil-Livell Ordinarju. Fil-każ ta' passes fil-Livell Ordinarju fil-Malti, it-Taljan u r-Reliġjon jiġu aċċettati biss ir-riżultati tas-SEC.
- Applikanti li jagħmlu eżamijiet ta' Bordijiet ta' Eżamijiet Barranin u li fiż-żmien li jkun qad jintlaqgħu l-applikazzjonijiet ikunu għadhom jistennew ir-riżultati, jistgħu jissottomettu applikazzjoni proviżorja basta r-riżultati jiġu pprezentati sa tmiem l-aħħar ġimgħa ta' Awwissu. Il-gradi ta' dawn is-sugġetti għandhom jitniżżlu bħala 'Proviżorji'.
- Wara li tagħlaq id-data li fiha jintlaqgħu l-applikazzjonijiet, ma jiġi aċċettat li jsir ebda tibdil fil-formoli ta' applikazzjoni barra dak fis-sugġetti Proviżorji wara li joħorġu r-riżultati tal-Bordijiet tal-Eżamijiet Barranin.

## ARRANĠAMENTI SPEĊJALI

- L-MCAST jaħdem bis-sħiħ biex ikun Kullegġ li joffri opportunitajiet indaqs lil kulħadd u għalhekk jilqa' studenti b'diffikultajiet fit-tagħlim u b'diżabilità. Studenti bi bżonnijiet speċjali huma meħtieġa li:



- Ikollhom il-kwalifiki tad-dħul neċessarji
- Jiddiskutu l-ħtiġijiet tagħhom ma' membru tal-Inclusive Education Unit (IEU) tal-MCAST
- Jipproduċu dokumenti riċenti, maħruġa minn professjonisti, dwar il-bżonnijiet speċjali li għandhom biex ikunu jistgħu jsegwu l-kors
- Jagħmlu appuntament biex jiddiskutu bżonnijiet partikolari għat-tagħlim billi jikkuntattjaw lill-Inclusive Education Unit fuq 2398 7127.

## L-GĦAŻLA TAL-APPLIKANTI U IKTAR INFORMAZZJONI

8. L-applikazzjoni ta' applikanti li jkollhom kwalifiki oħra li mhumiex imnizzlin f'dan il-Prospett bħala kwalifiki għad-dħul, tintlaqa' bħala 'Proviżorja' u tiġi kkunsidrata mill-MCAST Admissions Board.
  9. L-applikazzjoni ta' dawk l-applikanti li ma jkunux jistgħu jsibu l-progression route mixtieqa, tintlaqa' bħala 'Proviżorja' u tiġi kkunsidrata mill-MCAST Admissions Board.
  10. Applikazzjonijiet li jaslu wara li jagħlaq iż-żmien biex jintlaqgħu l-applikazzjonijiet ma jiġux aċċettati.
- a. Meta n-numru ta' postijiet disponibbli f'kors ikun limitat, u n-numru ta' applikanti li jissodisfaw ir-rekwiżiti tad-dħul u li jagħzlu l-kors jeċċedi n-numru ta' postijiet disponibbli, isir ordni tal-mertu għall-applikanti kollha li japplikaw għall-kors.
- b. Studenti li f'Lulju 2024 ikunu temmew kors l-MCAST b'suċċess u japplikaw biex javvanzaw għal kors ta' livell oġġla fl-istess qasam ta' studju, jingħataw prijorità fuq applikanti li ma jkunux studenti tal-MCAST u japplikaw għall-istess kors.
- ċ. Aptitude Tests u/jew Intervisti – F'dawk il-każi fejn isiru Aptitude Test u/jew Intervista, l-għażla tal-applikanti tkun ibbażata fuq in-numru ta' punti miksuba mill-kwalifiki li jkollhom l-applikanti, wara li dawn ikunu għaddew mit-test u/jew mill-intervista.
- d. Initial Assessment Tests – Applikanti li jkollhom l-SSC&P mhux ikklassifikat, ikunu meħtieġa joqogħdu għal Initial Assessment Tests fil-Malti, fil-Lingwa Ingliża u fil-Matematika. Dawk l-applikanti li jinstabu li jkollhom bżonn ta' ħafna għajjnuna jiġu ggwidati biex jidhru fil-kors tal-Livell 1 li jwassal għal Introductory Certificate. Applikanti li jkollhom grad 6 jew 7 tal-Livell Ordinarju tas-SEC f'mill-inqas żewġ suġġetti minn fost il-Malti, il-Lingwa Ingliża u l-Matematika, jew li jkollhom SSC&P bi klassifikazzjoni ġenerali ta' Livell 1 jew Livell 2, jiġu eżentati mill-Initial Assessment Tests u jibdedu direttament fil-Livell 2.
- e. Applikant jintgħażel biex jidhrol f'kors tal-Livell 1 jew f'kors tal-Livell 2 skont ir-riżultati miksuba fl-SSC&P jew, f'każ li ma jkollux l-SSC&P jew dan ma jkunx ikklassifikat, fuq ir-riżultati miksuba fl-Initial Assessment Tests.
11. Il-grad i kollha miksuba fir-riżultati tal-eżamijiet tas-SEC fil-Livell Ordinarju, fil-Livell Intermedju u fil-Livell Avvanzat jiġu allokat i numru ta' punti kif jidher fit-tabella ta' hawn taħt:



Livell Ordinarju		Livell Intermedju		Livell Avvanzat	
Grad	Punti	Grad	Punti	Grad	Punti
1/A	10	A	16	A	26
2	9	B	15	B	24
3/B	8	C	14	C	22
4	7	D	13	D	20
5/C	6	E	12	E	18
				O	6

12. Wara li applikant jiġi meqjus eliġibbli għal kors, in-numru ta' punti jiġi maħdum skont ir-rekwiżiti tal-kors:
- a. il-punti totali għas-suġġetti Obbligatorji jiġu mmultiplikati b'5;
  - b. il-punti totali għal suġġetti Ppreferuti jiġu mmultiplikati bi 3;
  - ċ. it-total ta' punti miksuba jindika l-post tal-applikant fl-ordni tal-mertu għad-dhul fil-kors.
13. Biex l-applikazzjoni tiġi kkunsidrata kompluta, l-applikant irid jimla l-Formola ta' Kunsens tal-GDPR li tagħti permess lill-MCAST jipproċessa l-informazzjoni skont il-bżonn. Fil-każ ta' applikanti li ma jkunux għalqu t-18-il sena, ikun meħtieġ il-kunsens tal-ġenituri, jew tal-persuna/i li l-applikanti jkunu taħt il-ħarsien u l-kustodja tagħha/hom.
14. F'każ ta' korsijiet fejn jibqa' postijiet disponibbli wara l-ewwel sejha għal applikazzjonijiet, jinħarġu sejhiet oħra għal applikazzjoni. Id-data tal-għeluq għal dawn l-applikazzjonijiet tiddependi mid-data tal-pubblikazzjoni tar-riżultati tal-MATSEC. Postijiet li jibqgħu ma jimtlewx wara numru ta' sejhiet għal applikazzjoni jiġu offruti fuq il-baži ta' min jiġi l-ewwel jinqeda l-ewwel. L-informazzjoni dwar il-perjodu ta' żmien meta jintlaqgħu l-applikazzjonijiet tiġi ppublikata fuq [www.mcast.edu.mt](http://www.mcast.edu.mt) kif ukoll tixxandar f'midja differenti.
15. Kull applikazzjoni għal dħul f'kors u kull talba biex tinbidel applikazzjoni għal kors trid tgħaddi mill-Admissions Office tal-Uffiċċju tar-Registatur u ma tiġix aċċettata wara d-data li tkun ġiet maqbula mill-Council of Institutes sakemm dan ma jiġix approvat mir-Registatur tal-MCAST.
16. Il-Kulleġġ jirriżerva d-dritt li ma jiftaħx il-kors jekk in-numru ta' applikazzjonijiet ma jkunx vijabbli. F'dan il-każ, l-applikanti jingħataw iċ-ċans li jagħzlu kors ieħor.

## DEGREES VOKAZZJONALI

17. Individwi li jkollhom Higher Diploma sñiha (Livell 5) maħruġa mill-MCAST, jew xi kwalifika ekwivalenti, jistgħu jitolbu li jidhlu direttament fl-aħħar sena ta' programm li jwassal għal baċcellerat, dejjem jekk il-kwalifika tiġi aċċettata bħala valida mill-Admissions Board tal-MCAST. Dawn il-każi jingħataw konsiderazzjoni xierqa minn dan il-Bord fid-dawl tal-provedimenti tar-Regoli u l-Proċeduri tal-MCAST. Tista' wkoll tiġi kkunsidrata l-eliġibilità ta' applikanti li jkollhom Higher National Diplomas





miksuba minn Istituzzjonijiet ta' Edukazzjoni Ulterjuri approvati. Applikanti li jkollhom kwalifiki oħrajn approvati mill-Kulleġġ jiġu kkunsidrati wara li jiġu segwiti l-proċeduri tal-Kulleġġ applikabbli għal talbiet bħal dawn.

## **APPLIKAZZJONIJIET LI JAQGHU TAHT IL-KLAWSOLA TA' MATURITÀ**

18. Applikanti li jissodisfaw il-kundizzjonijiet ta' hawn taht jistgħu japplikaw biex jiġu kkunsidrati biex jidhlu f'korsijiet tal-MCAST bħala studenti maturi:

- Ikollhom iċ-Ċertifikat tat-Tmiem tal-Iskola
- Sal-aħħar tal-istess sena kalendarja, ikunu:
  - a. laħqu l-età ta' 27 sena biex jidhlu fi programmi tal-Livell 7 tal-Qafas Malti tal-Kwalifiki
  - b. laħqu l-età ta' 23 sena biex jidhlu fi programmi tal-Livelli 5/6 tal-Qafas Malti tal-Kwalifiki
  - ċ. laħqu l-età ta' 21 sena biex jidhlu fi programmi tal-Livell 4 tal-Qafas Malti tal-Kwalifiki
  - d. laħqu l-età ta' 19-il sena biex jidhlu fi programmi tal-Livell 3 tal-Qafas Malti tal-Kwalifiki.
- Juru li huma kapaċi jsegwu u jistgħu jibbenefikaw mill-programm magħżul permezz ta' intervista li ssirillhom għal dan il-għan u bl-użu ta' metodi oħra li jistgħu jiġu applikati biex jiġi vverifikat li l-applikant għandu l-preparazzjoni neċessarja. L-applikanti li jiġu shortlisted jintalbu jattendu intervista biex jiġi stabbilit jekk il-kors magħżul hux addattat għalihom. Il-Bord ta' Selezzjoni għal Studenti Maturi jista' jitlob lill-kandidati jagħmlu studji addizzjonali bħala kundizzjoni biex jiġu aċċettati. Il-Bord jista' jirrakkomanda kors alternattiv fejn jinħass li dan ikun aktar addattat għall-kandidat rispettiv. Il-Bord jirriżerva d-dritt li jevalwa l-kompetenzi tal-applikant permezz ta' assessment.

19. Kandidati prospettivi li jixtiequ li l-applikazzjoni tagħhom tiġi kkunsidrata fuq kriterji li huma differenti mir-rekwiżiti tad-dhul stabbiliti f'dan il-Prospett, għandhom jaqraw id-dokumenti importanti li jidhru hawn taht:

- Recognition of Prior Certified Learning (RPCL)
- Recognition of Prior Experiential Learning (RPEL).

Wieħed jista' jsib dawn id-dokumenti fuq il-Web Portal tal-MCAST.

20. Programmi vokazzjonali għall-iskejjel sekondarji (BTEC L2 Extended Certificate) ikollhom l-istess valur ta' suġġett wieħed tas-SEC fil-Livell Ordinarju, kif jidher hawn taht:

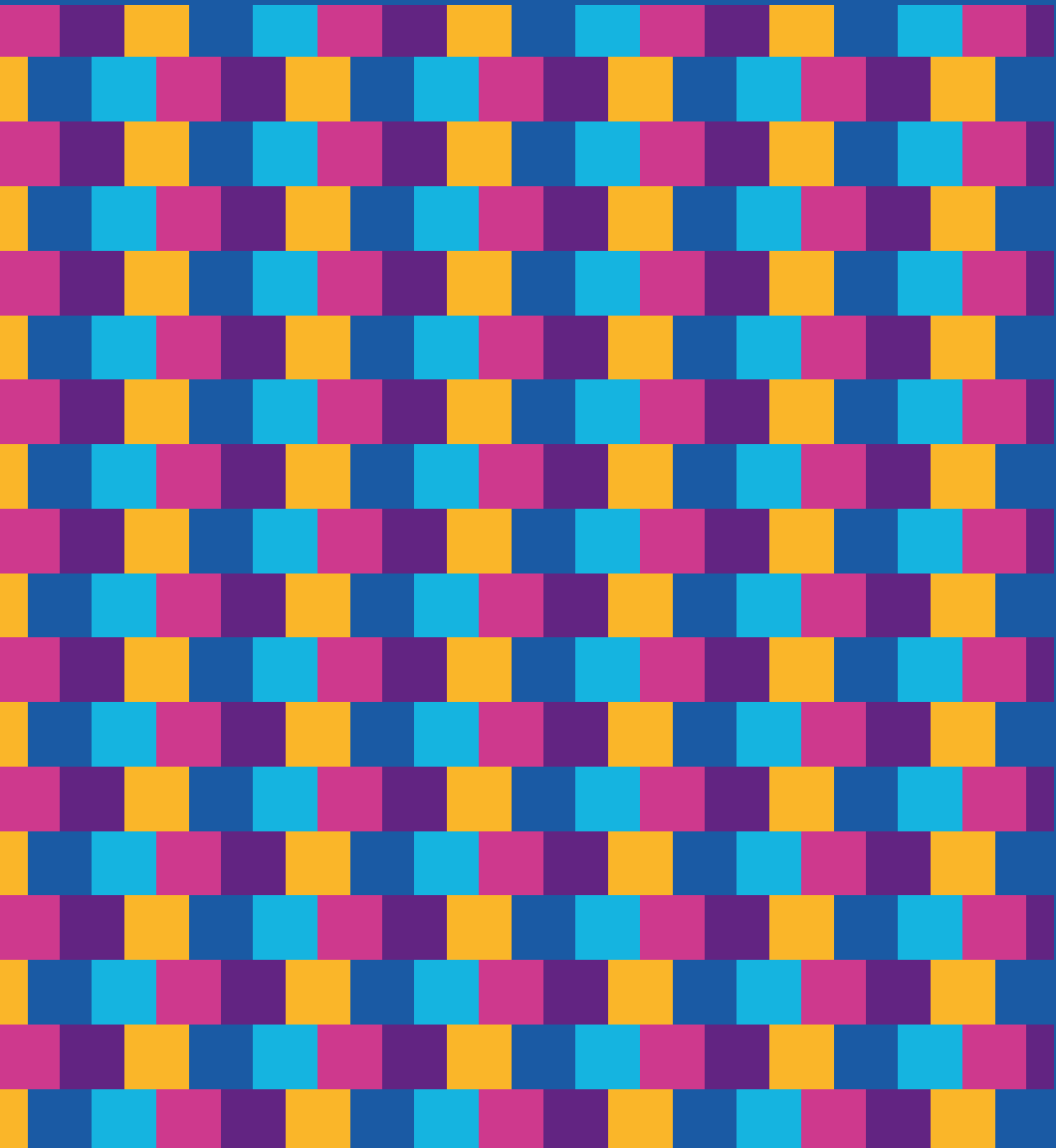
Distinction = Grad 1

Merit = Grad 3

Pass = Grad 5

Jekk jogħġbok irreferi għat-Taqsima "Kif Tapplika Onlajn" fuq [mcast.edu.mt](http://mcast.edu.mt), għall-aħħar aġġornamenti relatati ma' "Il-Kundizzjonijiet għall-Applikazzjonijiet", kif ukoll riżorsi dwar kif tapplika onlajn. L-istudenti kollha li jtemmu b'suċċess programm ta' studji tal-MCAST fil-Livell 3 se jkunu eliġibbli biex jimxu lejn kwalunkwe programm fil-Livell 4 tal-MCAST, jekk jissodisfaw ir-rekwiżiti ta' dhul obligatorji.

# CENTRE FOR LEARNING & EMPLOYABILITY



# Courses

- 27 Award in Vocational Skills (Introductory Level A)
- 28 Award in Vocational Skills (Introductory Level B)
- 29 Award in Basic Office Skills
- 30 Award in Hospitality
- 31 Award in Retail



# Award in Vocational Skills (Introductory Level A)

The Award in Vocational Skills (Introductory Level A) supports students with learning disabilities / learning difficulties to acquire the skills required to gain and maintain employment or to further their education. Students are trained in one of the following vocational areas: Hospitality and Retail, Office and Digital Skills. They are also assessed in Key Skills which include Maltese, English, Mathematics, PSHE, IT, Creative Self-Expression, and Daily Living and Community Skills and Customer care and Employability skills. A work placement experience within the College is also provided according to the vocational area being studied. Before enrolling in the programme, students are required to attend an induction session to assess the suitability of the course and identify the vocational area according to their abilities.

L-Award in Vocational Skills (Introductory Level A) jgħin lill-istudenti b'diżabilità jew b'diffikultà fit-tagħlim jiksbu l-ħiliet meħtieġa biex isibu u jżommu impjieg jew biex ikomplu jistudjaw. L-istudenti jiġu mħarrġa f'wieħed mill-oqsma vokazzjonali li ġejjin: Ospitalità u Bejgħ, Ħiliet tal-Uffiċċju u Ħiliet Diġitali. Huma jiġu ttestjati wkoll fil-ħiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, il-Creative Self-Expression, u l-ħiliet għall-Ħajja ta' Kuljum u dik Komunitarja u l-ħiliet tal-Kura tal-Klient u tal-Impjegabbiltà. L-istudenti jingħataw iċ-ċans li jagħmlu esperjenza ta' taħriġ fil-post tax-xogħol fil-Kulleġġ stess, skont il-qasam vokazzjonali li jkunu qed jistudjaw għalih. Qabel ma jirreġistraw għall-programm, l-istudenti jkunu meħtieġa jattendu laqgħa ta' evalwazzjoni ġewwa l-MCAST biex jiġi kkonfermat li l-kors hu tajjeb għalihom u jiġi identifikat il-qasam vokazzjonali addattat għall-abbiltajiet tagħhom.

## Entry Requirements

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Finished Compulsory Education  
Provision of documents including School  
Leaving Certificate.

A recent psychological report (issued no more than 3 years before the date of application) and school reports including the last Individual Education Plan (IEP).

Adapt to both class-based and community-based learning - to be ascertained through an induction session at MCAST, attendance for which is compulsory.

## Other Entry Requirements

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Applicants may be asked to sit for an interview.

## Course Duration

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1 Year Full-time

## MQF Level

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Introductory Level A

## Credits

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30 ECTS

# Award in Vocational Skills (Introductory Level B)

The Award in Vocational Skills (Introductory Level B) is a programme of study following the MCAST Award in Vocational Skills (Introductory Level A) that helps students with learning disabilities / learning difficulties consolidate the skills necessary to gain and maintain employment or to further their education. Students will have the opportunity to further their studies in the vocational area chosen in the MCAST Award in Vocational Skills (Introductory Level A), namely Hospitality and Retail or Office and Digital Skills. They are also assessed in Key Skills which include Maltese, English, Mathematics, PSHE, IT, Creative Self-Expression, Daily Living & Community Skills and Customer care and Employability skills. A work placement experience in industry is also provided according to the vocational area being studied.

L-Award in Vocational Skills (Introductory Level B) huwa programm ta' studju li jsegwi l-MCAST Award in Vocational Skills (Introductory Level A) u jgħin lill-istudenti b'diżabilità jew b'diffikultà fit-tagħlim jiżviluppaw il-ħiliet meħtieġa biex isibu u jzommu impjeg jew biex ikomplu jistudjaw. L-istudenti jkollhom l-opportunità li jkomplu l-istudji tagħhom fil-qasam vokazzjonali magħżul fl-MCAST Award in Vocational Skills (Introductory Level A), jiġifieri Ospitalità u Bejgħ jew Ħiliet tal-Uffiċċju u Ħiliet Diġitali u l-Ħiliet tal-Kura tal-Klient u tal-Impjegabbiltà. Huma jiffukaw ukoll fuq il-Ħiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, u l-Ħiliet għall-Ħajja ta' Kuljum u dik Komunitarja. Barra minn hekk, l-istudenti jingħataw iċ-ċans li jagħmlu esperjenza ta' taħriġ f'post tax-xogħol fl-industrija, skont il-qasam vokazzjonali li jkunu qed jitharrġu għalih.

## Entry Requirements

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MCAST Award in Vocational and Employability Skills (Introductory Level A)

Adapt to both class-based and community-based learning – to be ascertained through the previous year.

## Course Duration

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1 Year Full-time

## MQF Level

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Introductory Level B

## Credits

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30 ECTS

## Career Opportunities

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Hospitality – Housekeeping assistant · Kitchen hand · Factory hand · Laundry worker

Clerical - Office assistant · Library assistant

# Award in Basic Office Skills

This programme provides the learners with a hands-on experience to gain the basic skills required to work in an office environment. Learners need to have a genuine interest to work in posts related to basic customer care and office work. The course tackles both the use of basic office equipment as well as the soft skills required to be able to behave in an appropriate manner in an office environment.

Dan il-programm jipprovdi lill-istudenti esperjenza prattika biex jiksbu l-ħiliet bażiċi meħtieġa biex jaħdmu f'ambjent ta' uffiċċju. L-istudenti jeħtieġ li jkollhom interess ġenwin li jaħdmu f'postijiet relatati ma' assistenza bażika tal-klijenti u xogħol tal-uffiċċju. Il-kors jitratta kemm l-użu ta' tagħmir bażiku tal-uffiċċju, kif ukoll il-ħiliet personali meħtieġa biex wieħed ikun jista' jġib ruħu kif xieraq f'ambjent ta' uffiċċju.

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## Entry Requirements

Finished Compulsory Education, documented by the SSC&P (Secondary School Certificate and Profile).

Applicants are required to present a recent psychological report (issued no more than 3 years before date of application) and school reports including most recent Individual Education Plan (IEP).

Adapt to both class-based and community-based learning - to be ascertained through an induction session at MCAST, attendance for which is compulsory.

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## Other Entry Requirements

Applicants will be asked to sit for an interview

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## Course Duration

1 Year Full-time

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## Credits

30 ECTS

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## Career Opportunities

Assistant in an office environment

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## MQF Level

1

## Award in Hospitality

Through this award programme, learners will start to become familiar with the hospitality industry, as well as have the opportunity to identify such industries, locally and abroad. Different roles and duties found within the hospitality industry will be explored, as will be the understanding of the hierarchy and responsibility one would have to deal with in such roles. Learners will also discuss and understand the importance of hygiene at work, including personal hygiene, as well as the importance of keeping safe and working in a safe and healthy environment. This would also include being ethical and using adequate etiquette.

Permezz ta' dan il-programm ta' għotja, l-istudenti jibdew isiru familjari mal-industrija tal-ospitalità, kif ukoll ikollhom l-opportunità li jidentifikaw dawn l-industriji, kemm lokalment kif ukoll barra mill-pajjiż. Huma jesploraw ir-rwoli u d-dmirijiet differenti marbuta mal-industrija tal-ospitalità, kif ukoll jitgħallmu dwar il-ġerarkija u r-responsabbiltà li wieħed ikollu jiffaċċja f'dawn ir-rwoli. L-istudenti jiddiskutu u jifhmu wkoll l-importanza tal-iġjene fuq il-post tax-xogħol, inkluża l-iġjene personali, kif ukoll l-importanza li wieħed iżomm ruħu 'l bogħod mill-periklu u li jaħdem f'ambjent sikur u tajjeb għas-saħħa. Dan ikun jinkludi wkoll l-etika u l-użu ta' manjieri tajbin.

### Entry Requirements

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Finished Compulsory Education, documented by the SSC&P (Secondary School Certificate and Profile).

Applicants are required to present a recent psychological report (issued no more than 3 years before date of application) and school reports including the most recent Individual Education Plan (IEP).

Adapt to both class-based and community-based learning - to be ascertained through an induction session at MCAST, attendance for which is compulsory.

### Other Entry Requirements

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Applicants will be asked to sit for an interview

### Course Duration

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1 Year Full-time

### MQF Level

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1

### Credits

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30 ECTS

### Career Opportunities

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Assistant in kitchen · Assistant in restaurant  
· Assistant in housekeeping



# Award in Retail

This programme is intended for learners who would like to become familiar with the local retailing sector, in particular small retail shops. Learners who apply for this course need to be genuinely interested and willing to work in a post related to the retail sector. Learners will become familiar with the basic business concepts, including the principles of stock management. They will also be made aware of different types of customers and situations that people who work in a retail environment would typically face. To achieve this, learners will be exposed to the importance of, and the skills required for good communication, as well as teamwork.

Dan il-programm huwa maħsub għall-istudenti li jixtiequ jsiru familjari mas-setturi lokali ta' bejgħ għall-konsumatur, b'mod partikolari ħwienet żgħar. L-istudenti li japplikaw għal dan il-kors jeħtieġ li jkollhom interess ġenwin u li jkunu lesti li jaħdmu f'post relatat mas-settur tal-bejgħ għall-konsumatur. L-istudenti jsiru familjari mal-kunċetti bażiċi tan-negozju, inklużi l-prinċipji tal-immaniġġjar tal-istokk. Huma jsiru konxji wkoll dwar it-tipi differenti ta' konsumaturi u sitwazzjonijiet li normalment jiffaċċjaw il-persuni li jaħdmu f'ambjent ta' bejgħ għall-konsumatur. Għal dan il-ghan, l-istudenti jsiru konxji mill-importanza ta' komunikazzjoni tajba u l-ħiliet meħtieġa biex din isseħħ, kif ukoll mill-importanza ta' ħidma f'tim.

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## Entry Requirements

Finished Compulsory Education, documented by the SSC&P (Secondary School Certificate and Profile).

Applicants are required to present a recent psychological report (issued no more than 3 years before the date of application) and school reports including the most recent Individual Education Plan (IEP).

Adapt to both class-based and community-based learning - to be ascertained through an induction session at MCAST, attendance for which is compulsory

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## Other Entry Requirements

Applicants will be asked to sit for an Interview.

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## Course Duration

1 Year Full-time

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## Credits

30 ECTS

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## Career Opportunities

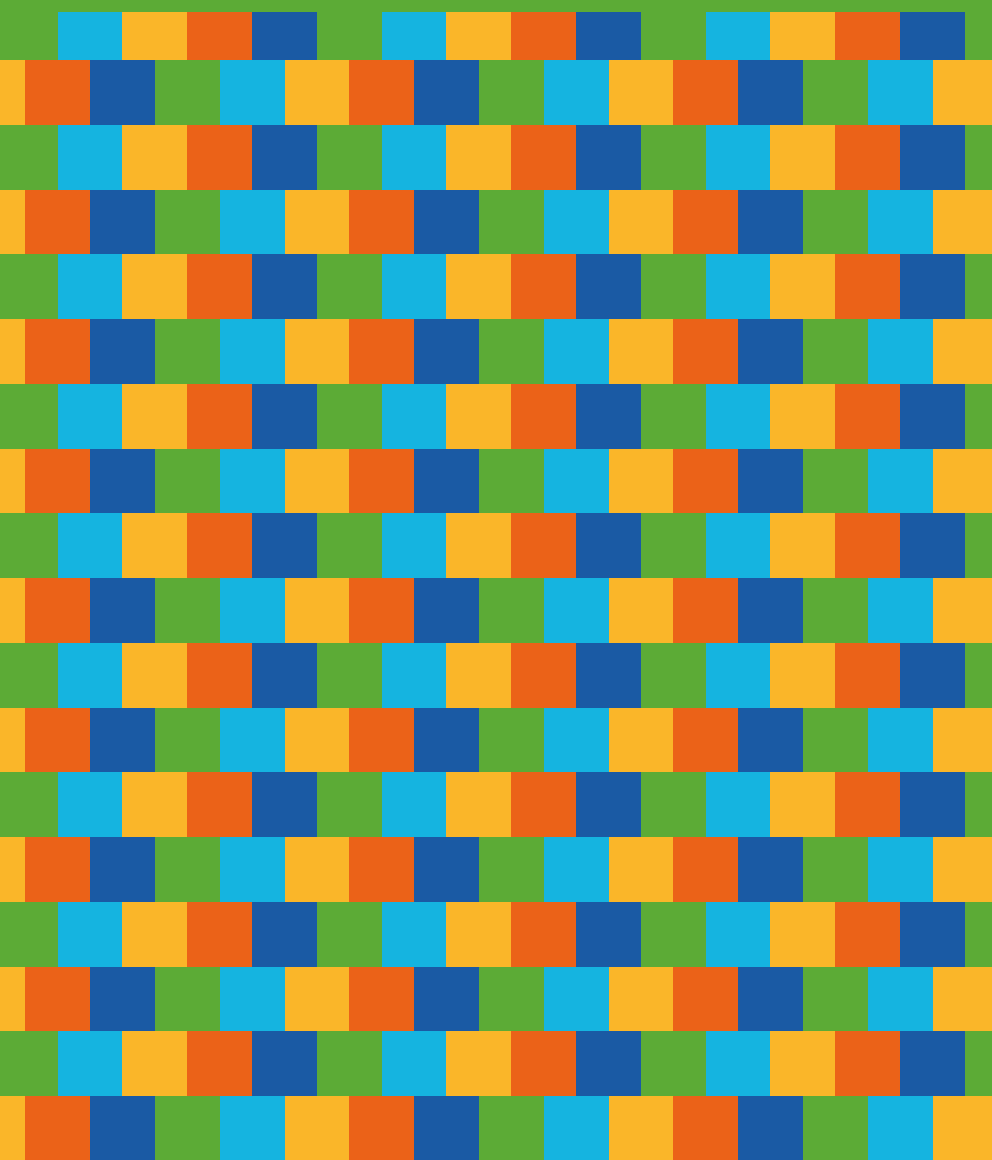
Shop Assistant · Store Assistant

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## MQF Level

1


# APPLIED SCIENCES



# Courses

- 36 Introductory Certificate in Applied Science
- 37 Foundation Certificate in Applied Science
- 38 Diploma in Applied Science
- 39 Advanced Diploma for Pharmacy Technician
- 40 Advanced Diploma in Applied Science
- 41 Advanced Diploma in Environmental Sustainability
- 42 Advanced Diploma in Health Sciences
- 43 Advanced Diploma in Food Technology
- 44 Advanced Diploma for Dental Surgery Assistants
- 45 Bachelor of Science (Honours) in Chemical Technology
- 46 Bachelor of Science (Honours) in Environmental Science and Sustainable Technologies
- 47 Bachelor of Science (Honours) in Health Sciences (Physiological Measurements)
- 48 Bachelor of Science (Honours) in Nursing
- 49 Bachelor of Science (Honours) in Environmental Health
- 51 Master of Science in Advanced Clinical Practice
- 52 Master of Science in Professional Health Practice
- 53 Master of Science in Applied Environmental Science (General)
- 54 Master of Science in Environmental and Water Resource Management
- 55 Master of Science in Environmental Resource Management
- 56 Master of Science in Urban Environmental Science Management
- 57 Introductory Certificate in Animal Husbandry and Horticultural Skills
- 58 Foundation Certificate in Horticulture and Animal Care
- 59 ALP+ Extended Diploma in Animal Care
- 61 ALP+ Extended Diploma in Horticulture
- 62 ALP+ Extended Diploma in Fish Husbandry
- 63 Diploma in Animal Care
- 64 Diploma in Horticulture
- 65 Diploma in Fish Husbandry
- 66 Advanced Diploma in Animal Management and Veterinary Nursing
- 67 Advanced Diploma in Horticulture
- 68 Advanced Diploma in Fish Management
- 69 Bachelor of Science (Honours) in Animal Management and Veterinary Nursing
- 70 Bachelor of Science (Honours) in Horticulture
- 71 Bachelor of Science (Honours) in Fisheries and Aquaculture





“My learning journey at MCAST and the invaluable experience gained through the ERASMUS+ programme and work placements have shaped my passion, knowledge and skills in science and research.”

Kelly Camilleri, Graduate in Fisheries and Aquaculture



# Introductory Certificate in Applied Science

This programme of study aims to provide the learner with the basic knowledge of science and technology and how these apply to everyday life. The study units deal with the different disciplines of science, hence giving the learner an overview of all the main scientific concepts necessary as a basis for further vocational studies within the science sector.

Dan il-programm ta' studju għandu l-għan li jipprovi lill-istudent l-għarfien bażiku tax-xjenza u t-teknoloġija u kif dawn japplikaw għall-ħajja ta' kuljum. L-unitajiet ta' studju jindirizzaw id-dixxiplini differenti tax-xjenza u għaldaqstant jagħtu lill-istudent ħarsa ġenerali lejn il-kunċetti xjentifiċi ewlenin kollha li huma meħtieġa bħala bażi għal studji vokazzjonali ulterjuri fis-settur tax-xjenza.

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## Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

1

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## Credits

40 ECTS

# Foundation Certificate in Applied Science

This programme of study is aimed at giving learners the opportunity to further their studies in several diverse science-related areas including environmental, health and industrial sciences. Learners will cover various topics such as Chemistry, Physics, Biology, English, Maltese, Mathematics and IT which will be taught in an applied manner that is relevant to the various science sectors in which employment may be sought with a higher qualification. This programme is particularly suitable for learners who have a scientific or technical aptitude, even if they have not decided fully on their ultimate career choice.

Dan il-programm ta' studju għandu l-għan li jagħti lill-istudenti l-opportunità biex ikomplu l-istudji tagħhom f'diversi oqsma differenti relatati max-xjenza inklużi x-xjenzi ambjentali, tas-saħħa u industrijali. L-istudenti jkopru diversi suġġetti bħall-Kimika, il-Fiżika, il-Bijoloġija, l-Ingliż, il-Malti, il-Matematika u l-IT li se jiġu mgħallma b'mod applikat li jkun rilevanti għad-diversi setturi tax-xjenza li fihom jistgħu jsibu impjieg bi kwalifika oġhla. Dan il-programm huwa partikolarment xieraq għall-istudenti li għandhom xeħta għal suġġetti xjentifiċi jew tekniċi, anke jekk ma jkunux għadhom iddeċidew liema karriera se jaqbd.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# Diploma in Applied Science

This programme of study provides a strong grounding in fundamental science and technology principles, as well as an initial exposure to vocational science subjects related to health, environment, food and engineering industries. The learner will be able to understand the fundamental principles and laws of science, and how these are applied within the industrial sector. The learner will also be able to understand the science of different materials, and gain an awareness of the principles behind certain technologies.

Dan il-programm ta' studju jipprovdi bażi b'saħħitha għall-prinċipji fundamentali tax-xjenza u t-teknoloġija, kif ukoll introduzzjoni għal suġġetti tax-xjenza vokazzjonali relatati mal-industrija tas-saħħa, l-ambjent, l-ikel u l-inġinerija. L-istudent ikun jista' jifhem il-prinċipji fundamentali u l-ligijiet tax-xjenza, u kif dawn huma applikati fis-settur industrijali. L-istudent ikun jista' jifhem ukoll ix-xjenza ta' materjali differenti, u jikseb għarfien dwar il-prinċipji wara ċerti teknoloġiji.

## Entry Requirements

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MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes from the following subjects: English Language, Mathematics, Physics, Chemistry, Biology, Design and Technology, Health and Social Care

## Course Duration

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1 Year Full-time

## Mode

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May include the possibility of Work-Based Learning

## MQF Level

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3

## Credits

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60 ECTS



# Advanced Diploma for Pharmacy Technician

This programme of study is designed to provide learners with the skills, knowledge and competences necessary for a career as pharmacy technicians. Learners will be exposed to scientific and pharmaceutical principles and will be given a sound knowledge of health related material, resulting in a holistic approach to effectively and competently embark on a career as a pharmacy technician. This programme of study is designed to provide learners with all the technical skills, knowledge of procedures, legislation and responsibilities required for such a career and includes work-related training and practice. Successful candidates will be eligible to apply for Registration with the Pharmacy Council of Malta.

Dan il-programm ta' studju huwa mfassal biex jipprovdi lill-istudenti l-ħiliet, l-għarfien u l-kompetenzi meħtieġa għal karriera bħala tekniċi farmaċewtiċi. L-istudenti jittgħallmu prinċipji xjentifiċi u farmaċewtiċi u jingħataw għarfien sod ta' suġġetti relatati mas-saħħa, bil-għan li jkunu ppreparati sewwa biex jaħdmu bħala tekniċi farmaċewtiċi u jwettqu xogħolhom b'mod effettiv u kompetenti. Dan il-programm ta' studju huwa mfassal biex jipprovdi lill-istudenti l-ħiliet tekniċi, l-għarfien tal-proċeduri, il-legiżlazzjoni u r-responsabbiltajiet kollha meħtieġa għal din il-karriera u jinkludi taħriġ u prattika relatati max-xogħol. L-istudenti li jtemmu l-kors b'suċċess ikunu eliġibbli biex japplikaw għar-Registrazzjoni mal-Kunsill tal-Ispizjara ta' Malta.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Health and Social Care (with additional module in Chemistry)  
or  
MCAST Diploma in Social Care (with additional module in Chemistry)  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and Mathematics and Chemistry

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening, will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## Career Opportunities

Pharmacy technician

## MQF Level

4

## Credits

120 ECTS

# Advanced Diploma in Applied Science

This programme of study is aimed at learners who wish to embark on a scientific career in a range of industries such as petrochemical, life sciences, health, pharmaceuticals and the environment. The programme of study contains a wide range of science and technology study units that reflect aspects of employment within relevant industries. The learners will appreciate how the fundamental principles of science relate to the technological operations of the workplace. They will develop the necessary skills to work in a laboratory environment within the manufacturing industry, and to apply basic principles within the workplace.

Dan il-programm ta' studju huwa mmirat lejn studenti li jixtiequ jibdew karriera xjentifika f'firxa ta' industrij b'hal daww relatati mal-petrokimika, ix-xjenzi tal-ħajja, is-saħħa, il-farmaċewtika u l-ambjent. Il-programm ta' studju jinkludi firxa wiesgħa ta' unitajiet ta' studju fix-xjenza u t-teknoloġija li jirriflettu aspetti tal-impjegi f'industrij rilevanti. L-istudenti jirrikonoxxu kif il-prinċipji fundamentali tax-xjenza jirrelataw mal-operat teknoloġiku tal-post tax-xogħol. Huma jiżviluppaw il-ħiliet neċessarji biex jaħdmu f'ambjent ta' laboratorju fl-industrija tal-manifattura, u biex japplikaw il-prinċipji bażiċi fil-post tax-xogħol.

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## Entry Requirements

MCAST Diploma in Applied Science  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes from the following list: English Language, Mathematics, Physics, Chemistry, Biology, Design and Technology

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## Course Duration

2 Years Full-time

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## MQF Level

4

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## Mode

Apprenticeship

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## Credits

120 ECTS

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## Career Opportunities

Laboratory analyst · Laboratory technologist

# Advanced Diploma in Environmental Sustainability

Awareness of environmental sustainability and related environmentally-based sectors is growing rapidly in Europe, with the Maltese government recently introducing various laws and standards on reducing global warming, climate change, low carbon emissions and the need for conservation in general. This programme of studies includes topics related to environmental monitoring, even within manufacturing industries, that are fundamental to the development of environmental awareness, and provides the necessary practical skills and techniques. Employment is typically within environmental sustainability sector-based organisations, as well as within medium to large organisations that face many environmental challenges, such as waste management, alternative energy sources, traffic management and pollution, on a daily basis.

Il-kuxjenza dwar is-sostenibbiltà ambjentali u s-setturi relatati li huma bbażati fuq l-ambjent qed tikber b'mod rapidu fl-Ewropa, u dan l-aħħar il-gvern Malti introduċa diversi liġijiet u standards dwar it-tnaqqis tat-tiżnin globali, it-tibdil fil-klima, il-livell baxx ta' emissjonijiet tal-karbonju u l-ħtieġa għall-konservazzjoni b'mod ġenerali. Dan il-programm ta' studji jinkludi suġġetti relatati mal-monitoraġġ ambjentali, anke fi ħdan industrij tal-manifattura, li huma fundamentali għall-iżvilupp ta' kuxjenza ambjentali u jipprovdu l-ħiliet u t-teknika Prattika neċessarji. L-impjeg huwa tipikament f'organizzazzjonijiet ibbażati fuq is-settur tas-sostenibbiltà ambjentali, kif ukoll fi ħdan organizzazzjonijiet medji sa kbar li jiffaċċjaw ħafna sfidi ambjentali fuq bażi ta' kuljum, bħall-immaniġġjar tal-iskart, is-sorsi alternattivi ta' enerġija, il-ġestjoni tat-traffiku u t-tniġġis.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Mechanical Engineering  
or  
MCAST Diploma in Engineering (Electronics)  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes, of which three (3) subjects must be from the following list: English Language, Mathematics, Physics, Chemistry, Biology, Design and Technology, Computer Studies, Environmental Studies

## Course Duration

2 Years Full-time

## Mode

Includes Work Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Project technical assistant · Environmental technologist · Environmental analyst

# Advanced Diploma in Health Sciences

This programme of study has been developed to prepare individuals for health related careers. The study units deal with the anatomy and physiology of the human body and the physical and psychological changes due to ageing, and will help learners to build competences that will help when dealing with people with health issues and challenging behaviour. Through work placements, learners will get the opportunity to develop the skills and competences required to work within the health sector.

Dan il-programm ta' studju ġie żviluppat biex iħejji lill-istudenti għal karrieri relatati mas-saħħa. L-unitajiet ta' studju jindirizzaw l-anatomija u l-fiżjoloġija tal-ġisem tal-bniedem u t-tibdil fiżiku u psikoloġiku minħabba x-xjuħija, u jgħinu lill-istudenti jiżviluppaw kompetenzi li jgħinuhom jitgħallmu kif iġibu ruħhom ma' persuni bi problemi ta' saħħa u bi mġiba diffiċli. Permezz ta' taħriġ fuq il-post tax-xoġhol, l-istudenti jkollhom l-opportunità li jiżviluppaw il-ħiliet u l-kompetenzi meħtieġa biex jaħdmu fis-settur tas-saħħa.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Health and Social Care  
or  
MCAST Diploma in Social Care  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and Mathematics and Biology

## Course Duration

2 Years Full-time

## Mode

Includes Work Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Allied health assistant · Paramedic aide

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening, will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

# Advanced Diploma in Food Technology

The food and beverage industry is a dynamic sector which requires a number of highly skilled technical people to cope with constantly changing customers' demands and new innovative production technologies. Food technologists monitor day-to-day manufacturing activities; ensure that safety and quality standards are met; improve existing products and design innovative foods and drinks. This is a multidisciplinary programme offered across four Institutes and includes topics on food analysis, product manufacturing, food safety, cost accounting and product design. The programme provides learners with the opportunity to gain knowledge of the industry and insights into the relevant tools and skills through work-based elements. This programme prepares learners for employment within SMEs as well as medium to large organisations which produce a range of food and drink products.

L-industrija tal-ikel u x-xorb hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi bi kwalifiki għoljin biex ilaħḡqu mad-domandi tal-konsumaturi li dejjem jinbidlu u mat-teknoloġiji tal-produzzjoni ġodda u innovattivi. It-teknoloġisti tal-ikel jissorveljaw attivitajiet ta' manifattura minn jum għall-ieħor; jiżguraw li jiġu sodisfatti l-istandards ta' sikurezza u ta' kwalità; itejbu prodotti eżistenti u jiddisinjaw ikel u xarbiet ġodda u innovattivi. Dan huwa programm multidixxiplinari offrut f'erba' Istituti u jinkludi suġġetti dwar l-analiżi tal-ikel, il-manifattura tal-prodott, is-sikurezza tal-ikel, il-kontabilità tal-ispejjeż u d-disinn tal-prodott. Il-programm jipprovdi lill-istudenti l-opportunità li jiksbu għarfien dwar l-industrija u l-għodod u l-filiet rilevanti permezz ta' elementi bbażati fuq ix-xogħol. Dan il-programm iħejji lill-istudenti għal impjeg fl-SMEs, kif ukoll f'organizzazzjonijiet medji u kbar li jipproduċu firxa ta' prodotti ta' ikel u xorb.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Mechanical Engineering  
Or  
MCAST Diploma in Engineering (Electronics)  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Food analyst · Food technologist · Food product development technologist · Food production supervisor · Food quality assurance technician

# Advanced Diploma for Dental Surgery Assistants

Dental Surgery Assistants are Allied Health personnel who play an important role in the performance of dental procedures. The aim of this course is to provide both the theoretical and the clinical practical techniques necessary for future dental personnel to be considered competent to assist the dental team. The objectives of this course are to instruct the candidate in basic knowledge of: (i) teeth anatomy, pathology, oral care and instruments, (ii) the health and safety of dental surgeries, (iii) patient care prior, during and post dental treatments, (iv) maintaining good communication with patients and (v) maintaining records and appointments and placing orders for materials in use in the dental surgery.

Dental Surgery Assistants jappartjenu għal waħda mill-professjonijiet kumplimentari għall-mediċina u għandhom rwol importanti fit-twettiq ta' proċeduri dentali. Dan il-kors huwa mmirat biex l-istudenti jitgħallmu t-teorija u l-prattika relatati mal-ħiliet kliniċi li huma meħtieġa jkollhom biex fil-futur ikunu kkunsidrati kompetenti biex jassistu tim ta' dentisti. Il-kors għandu l-għan li l-istudenti jiksbu għarfien bażiku dwar: (i) l-anatomija tas-snien, il-patoloġija relatata, il-kura tal-ħalq u l-istrumenti wżati fid-dentistrija, (ii) is-saħħa u s-sigurtà meħtieġa fi kliniċi dentali; (iii) il-kura tal-pazjent qabel, waqt u wara t-trattamenti dentali, (iv) iż-żamma ta' komunikazzjoni tajba mal-pazjenti, u (v) iż-żamma tar-records u l-appuntamenti tal-pazjenti u kif jagħmlu ordnijiet ta' materjali użati fil-kirurgija dentali.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Health and Social Care  
or  
MCAST Diploma in Social Care  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and Mathematics and Biology

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening, will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

## Course Duration

2 Years Full-time

## Mode

Includes Work Placement

## Career Opportunities

Dental surgery assistant

## MQF Level

4

## Credits

120 ECTS

# Bachelor of Science (Honours) in Chemical Technology

This undergraduate course offers an opportunity to learners to gain a foundation in the core chemistry concepts and the manufacture of chemical products, such as pharmaceuticals, polymers, foods, beverages and petrochemicals. The knowledge, skills and competences attained give individuals an opportunity to succeed in employment in a wide range of manufacturing and processing industries, consulting firms, government, research and educational institutions. The course exposes learners to the development and design of chemical processes at different scales and creates a bridge between science and manufacturing, by applying the principles of chemistry and engineering to solve problems involving the production or use of chemicals. The programme also provides opportunities for learners to focus on the development of higher level skills in a scientific and technological context.

Dan il-kors li jwassal għal baċcellerat joffri opportunità lill-istudenti biex jiksbu bażi soda fil-kunċetti ewlenin tal-kimika u l-manifattura ta' prodotti kimiċi, bħal prodotti farmaċewtiċi, polimeri, ikel, xorb u prodotti petrokimiċi. L-għarfien, il-ħiliet u l-kompetenzi miksuba jagħtu lill-individwi l-opportunità biex jirnexxu fl-impjieg f'firxa wiesgħa ta' industriji tal-manifattura u tal-ipproċessar, ta' ditti ta' konsulenza, mal-gvern, u ma' istituzzjonijiet ta' riċerka u edukattivi. Il-kors jesponi lill-istudenti għall-iżvilupp u d-disinn ta' proċessi kimiċi fi skali differenti u joħloq pont bejn ix-xjenza u l-manifattura, bl-applikazzjoni tal-prinċipji tal-kimika u l-inġinerija biex jiġu solvuti problemi li jinvolvu l-produzzjoni jew l-użu ta' sustanzi kimiċi. Il-programm jipprovi wkoll opportunitajiet għall-istudenti biex jiffokaw fuq l-iżvilupp ta' ħiliet ta' livell ogħla f'kuntest xjentifiku u teknoloġiku.

## Entry Requirements

MCAST Advanced Diploma in Applied Science  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Chemistry

## Course Duration

3 Years Full-time

## MQF Level

6

## Mode

Internship

## Credits

180 ECTS

## Career Opportunities

Senior laboratory analyst · Laboratory administrator · Validation specialist · Chemical plant administrator

# Bachelor of Science (Honours) in Environmental Science and Sustainable Technologies

The protection of natural resources, CO<sub>2</sub> emissions, climate change and its effects, and demographic changes, are increasingly important topics in the local and international context. The programme merges classical engineering with natural sciences. Environmental Engineering Sciences and Sustainable Technologies deal with engineering solutions for environmentally relevant challenges of our future. This course provides learners with the ability to use problem-solving approaches for dealing with ecological and technical challenges, in order to creatively arrive at a situation of resource sustainability. The course is a challenging, technically-oriented programme that offers learners a broad range of fields of application. Graduates can be active in the planning, construction and operation of environmental technological facilities, in research and teaching, environmental organisations, administration, and consultancy businesses of their own.

Il-protezzjoni tar-riżorsi naturali, l-emissjonijiet tas-CO<sub>2</sub>, it-tibdil fil-klima u l-effetti tiegħu, u t-tibdil demografiku, huma suġġetti li qed isiru dejjem aktar importanti fil-kuntest lokali u internazzjonali. Il-programm jgħaqqad l-inginerija klassika max-xjenzi naturali. Dan il-kors jitratta soluzzjonijiet tal-inginerija għal sfidi ambjentali li se niffaċċjaw fil-futur u jwassa biex l-istudenti jkunu kapaċi jsibu soluzzjonijiet li jindirizzaw sfidi ekoloġiċi u tekniċi bil-għan li tintlaħaq sitwazzjoni ta' sostenibbiltà tar-riżorsi. Il-kors huwa programm impenjattiv, orjentat lejn it-teknoloġija u joffri lill-istudenti firxa wiesgħa ta' oqsma ta' applikazzjoni. Il-gradwati jkunu jistgħu jaħdmu fl-ippjanar, fil-kostruzzjoni u fit-tħaddim ta' faċilitajiet teknoloġiċi ambjentali, fir-riċerka u t-tagħlim, f'organizzazzjonijiet ambjentali, fl-amministrazzjoni u f'negozji ta' konsulenza tagħhom stess.

## Entry Requirements

MCAST Advanced Diploma in Environmental Sustainability  
or  
MCAST Advanced Diploma in Applied Science  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory: One from the following list of subjects at either I- or A-Level - Physics or Mathematics (Pure or Applied) or Biology or Chemistry or Geography or Environmental Studies

## Course Duration

3 Years Full-time

## Mode

Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Water project manager · Alternative energy manager · Environmental sales personnel · Environmental regulator · Environmental officer · Environmental site manager



# Bachelor of Science (Honours) in Health Sciences (Physiological Measurements)

This degree programme is intended for learners who wish to pursue studies which will provide them with the appropriate competences for the measurement and imaging of the human body's physiological activity. Scientists qualified in this field team up with various other health professionals and provide the diagnostic information which is vital to the medical profession in the treatment of several medical conditions. This three-year programme will provide the learner with the knowledge, clinical training and skills necessary to gain the professional qualifications required to work as a healthcare science practitioner in the area of clinical physiology.

Dan il-programm li jwassa l-għal baċcellerat huwa maħsub għall-istudenti li jixtiequ jkomplu bl-istudji tagħhom f'oqsma li jipprovduhom il-kompetenzi xierqa biex jiksbu tagħrif dwar l-attività fiżjoloġika tal-ġisem tal-bniedem. Ix-xjentisti kwalifikati f'dan il-qasam jingħaqdu ma' diversi professjonisti oħra fil-qasam tas-saħħa u jipprovdu l-informazzjoni dijanjostika li hija vitali għall-professjoni medika fir-rigward tat-trattament ta' diversi kundizzjonijiet mediċi. Dan il-programm ta' tliet snin jipprovdi lill-istudent it-tagħrif, it-taħriġ kliniku u l-ħiliet neċessarji biex jikseb il-kwalifiki professjonali meħtieġa biex jaħdem b'ħala prattikant xjentifiku kkwalfikat fil-qasam tal-fiżjoloġija klinika.

## Entry Requirements

MCAST Advanced Diploma for Pharmacy Technicians  
or  
MCAST Advanced Diploma in Health Sciences  
or  
MCAST Advanced Diploma for Dental Surgery Assistants  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Biology

## Course Duration

3 Years Full-time

## MQF Level

6

## Mode

Internship

## Credits

180 ECTS

## Career Opportunities

Health practitioner (Physiological measurements)

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening, will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

# Bachelor of Science (Honours) in Nursing

The Bachelor of Science (Hons) Nursing prepares learners with the necessary competences and qualifications required to register as a first level nurse both in Malta and in all EU member states. This entails the provision of safe and effective care delivered in an evidence-based, holistic manner to patients and their significant others. The learners will pursue a minimum of 4600 hours over a three-year period, as stipulated by EU Directive 2005/36/EC. These are divided into 2300 theoretical hours and 2300 practice hours, most of which are carried out on clinical placements, and are supervised by qualified nurse mentors. The learners will be equipped with an evidence-based skill set and soft skills that will enable them to be fully capable of practicing independently. Learners must cover all the necessary hours and obtain a pass in all theoretical and practical units to be able to apply for registration with the Nursing and Midwifery Council of Malta. This course is recognised across all the EU member states. Applicants will be subject to a values-based interview, followed by the presentation of an occupational health-screening certificate and a clean police conduct certificate. These documents will serve to establish the suitability of applicants for Nursing and ultimately act towards the final selection of course participants.

Il-Baċellerat tax-Xjenza (Hons) Nursing jipprepara studenti bil-kompetenzi u l-kwalifiki meħtieġa biex jirreġistraw bħala infermier tal-ewwel livell kemm f'Malta kif ukoll fl-istati membri kollha tal-UE. Dan jinvolti l-provvista ta' kura sigura u effettiva u bbażata fuq l-evidenza u mogħtija b'mod olistiku lill-pazjenti u qraba. L-istudenti se jsegwu minimu ta' 4600 siegħa fuq perjodu ta' tliet snin, kif stipulat mid-Direttiva tal-UE 2005/36/KE. Dawn huma maqsuma f'2300 siegħa teoretika u 2300 siegħa ta' prattika, li l-biċċa l-kbira minnhom isiru fuq placements kliniċi, u huma ssorveljati minn infermiera kwalifikati. L-istudenti se jkunu mgħammra b'sett ta' ħiliet ibbażati fuq l-evidenza u soft skills li jippermettulhom li jipprattikaw b'mod indipendenti. L-istudenti jridu jkopru s-siġhat kollha meħtieġa u jiksbu pass fit-taqsimiet teoretiċi u prattiċi kollha biex ikunu jistgħu japplikaw għar-reġistrazzjoni mal-Kunsill tal-Infermiera u l-Qwiebel ta' Malta. Dan il-kors huwa rikonoxxut fl-istati membri kollha tal-UE. L-applikanti jkunu soġġetti għal intervista, kif ukoll ikunu jridu jipprezentaw ċertifikat ta' skrinjng tas-saħħa fuq il-post tax-xogħol u ċertifikat ta' kondotta nadifa tal-pulizija. Dawn id-dokumenti se jservu biex naraw li l-applikanti huma adegwati għall-Infermiera u fl-aħħar mill-aħħar issir l-għażla finali tal-parteċipanti tal-kors.

Entry Requirements	Course Duration	MQF Level
MCAST Advanced Diploma in Health Sciences or MCAST Advanced Diploma for Dental Surgery Assistants or MCAST Advanced Diploma for Pharmacy Technicians or MCAST Advanced Diploma in Health and Social Care or MCAST Advanced Diploma in Social Care or 2 A-Level passes and 2 I-Level passes Preferred A-Levels: Biology, English, Psychology, Sociology, Chemistry Preferred I-Levels: Chemistry, Mathematics, Sociology, English	3 Years Full-time	6
	Mode	Credits
	Internship (Assessed Clinical Placement)	180 ECTS
	Career Opportunities	
	State registered nurse	

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening,

will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

# Bachelor of Science (Honours) in Environmental Health

Prospective learners following this programme will be dealing with the various, often inter-related, facets of environmental health that include: public health; environmental health and safety; food and water safety; health aspects relating to domestic, leisure and workplace environments, and the impact of these various factors on the individual and on society at large. Learners will gain the knowledge, skills and competences on how to assess, analyse, devise and implement efficient solutions to environmental health issues, with a view that successful candidates may be employed in advisory, enforcement or educational positions. They will also learn about current local policies and legal frameworks that oversee the governance of these environmental health factors. Successful candidates will be eligible to apply for Registration with the Council for the Professions Complementary to Medicine of Malta.

L-istudenti prospettivi li jsegwu dan il-programm se jkunu jhabbtu wiċċhom mad-diversi aspetti, ħafna drabi relatati ma' xulxin, tas-saħħa ambjentali li jinkludu: is-saħħa pubblika; is-saħħa u s-sikurezza ambjentali; is-sikurezza tal-ikel u tal-ilma; l-aspetti ta' saħħa relatati ma' ambjenti domestiċi, ta' divertiment u tal-post tax-xogħol, u l-impatt ta' dawn id-diversi fatturi fuq l-individwu u fuq is-soċjetà iġenerali. L-istudenti jiksbu l-għarfien, il-ħiliet u l-kompetenzi dwar kif jivalutaw, janalizzaw, ifasslu u jimplimentaw soluzzjonijiet effiċjenti għal kwistjonijiet ta' saħħa ambjentali, bil-għan li daww li jtemmu l-kors b'suċċess isibu xogħol f'pożizzjonijiet ta' konsulenza jew ta' infurzar, jew anke fil-qasam edukattiv. Huma jitgħallmu wkoll dwar il-politika lokali u l-oqfsa legali kurrenti li jirregolaw dawn il-fatturi ta' saħħa ambjentali. L-istudenti li jtemmu l-kors b'suċċess ikunu eliġibbli biex jirreġistraw mal-Kunsill għall-Professjonijiet Kumplimentari għall-Medicina ta' Malta.

## Entry Requirements

MCAST Advanced Diploma in Health Sciences  
or  
MCAST Advanced Diploma for Dental Surgery Assistants  
or  
MCAST Advanced Diploma in Environmental Sustainability  
or  
MCAST Advanced Diploma in Food Technology  
or  
MCAST Advanced Diploma in Applied Science  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Biology

## Course Duration

3 Years Full-time

## Mode

Internship

## MQF Level

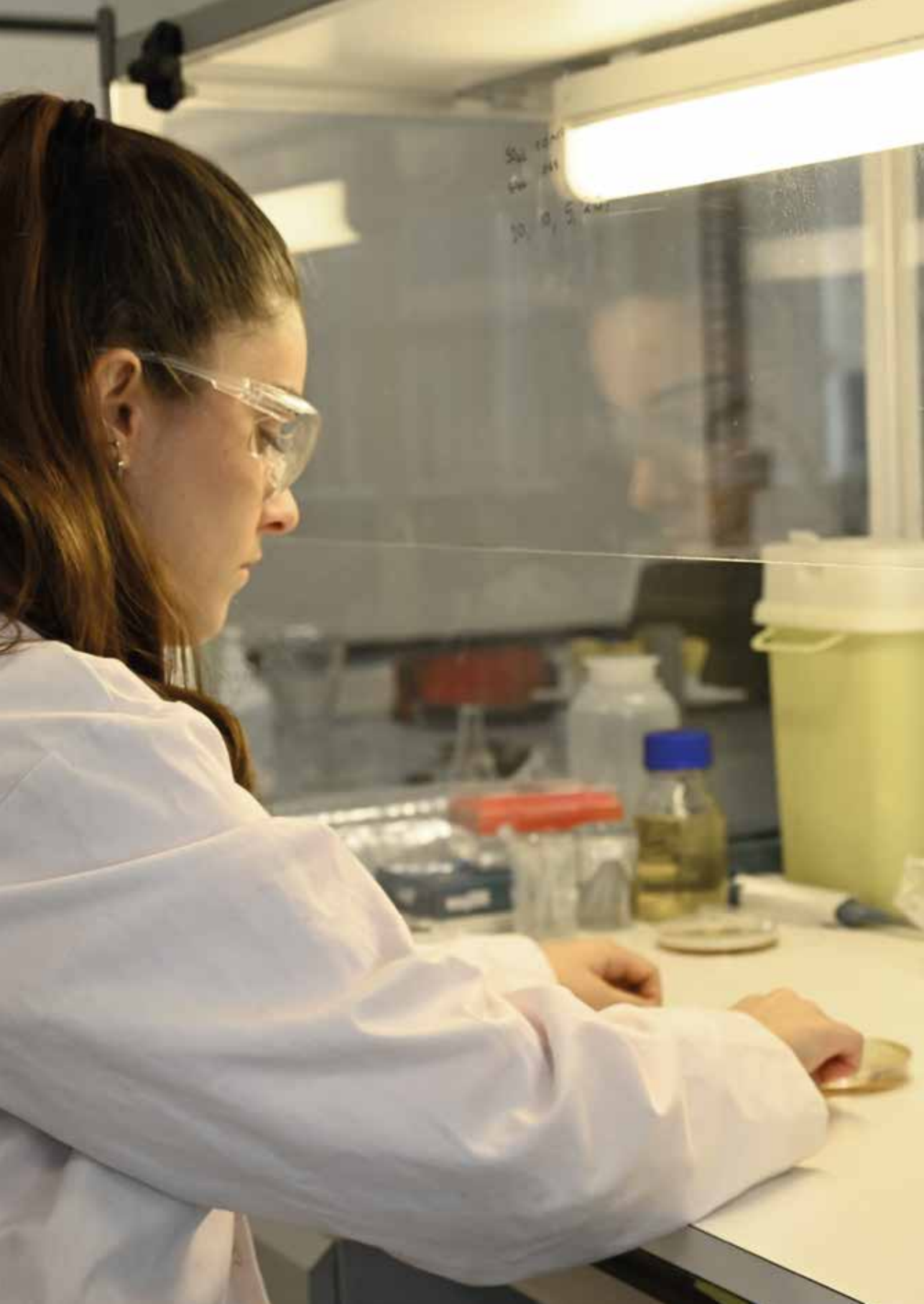
6

## Credits

180 ECTS

## Career Opportunities

Environmental health officer



# Master of Science in Advanced Clinical Practice

The Master of Science in Advanced Clinical Practice is intended for those qualified nurses who want to improve their skills across the four pillars of advanced clinical practice. The programme will equip prospective candidates with the knowledge, skills and professional behaviours (values and attitudes) to work at an advanced clinical level, exercise autonomy and decision-making in the context of complexity, uncertainty and varying levels of risk, and hold accountability for the decisions that they are required to make.

Prospective students for the Advanced Clinical Practice course are envisaged to come from a range of clinical nursing areas and are working in a variety of specialties, settings or sectors. They will have the opportunity to gain the skills and knowledge that will allow them to extend their scope of practice to better meet the needs of the patients under their care. Developing advanced clinical practice skills is considered an important component of contemporary workforce planning.

**FEES:** Fees apply – Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science in Advanced Clinical Practice huwa maħsub għal dawk l-infermiera kwalifikati li jridu jtejbu l-ħiliet tagħhom fl-erba' pilastru tal-klinika prattika avvanzata. Il-programm se jgħin lill-kandidati prospettivi bl-għarfien, il-ħiliet u l-imġieba professjonali (valuri u attitudnijiet) biex jaħdmu f'livell avvanzat, jeżerċitaw awtonomija u jieħdu deċiżjonijiet fil-kuntest ta' kumplessità, incertezza u livelli varji ta' riskju, u jieħdu responsabbiltà għad-deċiżjonijiet li huma meħtieġa. L-istudenti prospettivi għall-kors jistgħu jiġu minn diversi oqsma tal-infermiera klinika u li jaħdmu f'varjetà ta' speċjalitajiet, ambjenti jew setturi. Huma se jkollhom l-opportunità li jiksbu l-ħiliet u l-għarfien li jippermettulhom jestendu l-ambitu tal-prattika tagħhom biex jissodisfaw aħjar il-ħtiġijiet tal-pazjenti taħt il-kura tagħhom. L-iżvilupp ta' ħiliet fil-klinika avvanzata huwa meqjus bħala aspett importanti tal-ippjanar fil-qasam tax-xogħol kontemporanju.

**MIZATI:** Japplikaw ħlasijiet – Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A first degree (MQF Level 6) in Nursing and in possession of a valid registration.

Candidates who are not in possession of a valid warrant, will be able to start off the programme, but will not be in a position to complete the full Master programme until they achieve such.

## Course Duration

PT 6 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Master of Science in Professional Health Practice

The Master of Science in Professional Health Practice is a multi-professional programme of study which is not only aimed at practitioners aspiring to develop and work at an advanced level of practice but is also tailored for those individuals who are already working at an advanced level within their area of practice. The programme will equip prospective candidates with the knowledge, skills and professional behaviours (values and attitudes) to work at an advanced clinical level, exercise autonomy and decision-making in the context of complexity, uncertainty and varying levels of risk and holding accountability for the decisions that they are required to make.

Prospective students are envisaged to come from a range of regulated healthcare professions such as nursing, pharmacy, therapeutic or diagnostic radiography, physiotherapy, paramedics and occupational therapy, and who work in a variety of specialties, settings or sectors. They will have the opportunity to study in an interdisciplinary environment which will provide a more holistic approach to their clinical skills.

**FEES:** Fees apply – Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science in Professional Health Practice huwa programm ta' studju multiprofessjonali li mhux intiż biss għal dawk li qed jeżerċitaw il-professjoni tagħhom u qed jaspiraw li jiżviluppaw il-ħiliet tagħhom biex jaħdmu f'livell aktar avanzat, iżda huwa maħsub ukoll għal dawk l-individwi li l-prattika tagħhom hija diġà waħda ta' livell avanzat. Il-programm jarma lill-kandidati prospettivi bl-għarfien, il-ħiliet, l-imġiba professjonali (valuri u attitudnijiet) biex jagħmlu xogħol kliniku ta' livell avanzat, jeżerċitaw l-awtonomija u jieħdu deċiżjonijiet f'kuntasti ta' kompleksità, incertezza u livelli varji ta' riskju, filwaqt li jżommu ruħhom responsabbli għad-deċiżjonijiet li jkollhom jieħdu.

L-istudenti prospettivi huma mistennija li jiġu minn għadd ta' professjonijiet regolati fil-kura tas-saħħa, bħan-nursing, il-farmaċija, ir-radjografija terapewtika jew djanjostika, il-fizjoterapija, il-paramediċi u l-occupational therapists, li jaħdmu fi speċjalitajiet, ambjenti u setturi differenti. Dawn ikollhom l-opportunità li jitgħallmu f'ambjent interdixxiplinarju, u hekk irawmu fihom perspettiva aktar ħolistika fir-rigward tal-ħiliet kliniċi tagħhom.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A relevant professional first degree (MQF Level 6) in the Health profession.

## Course Duration

PT 6 Semesters

## MQF Level

7

## Mode

Blended

## Credits

90 ECTS

# Master of Science in Applied Environmental Science (General)

The Master of Science in Applied Environmental Science takes an interdisciplinary approach into the investigation of processes that control the earth and its environment. The programme will deliver all necessary knowledge and skills to seize opportunities presented by new developments in areas such as global cycles, biogeochemistry, sustainable technologies, waste and water treatment, environmental pollution assessment and remediation, and natural hazard. Students will be exposed to a wide variety of environmental issues, with topics related to the analysis, understanding and management of human-environmental systems by exploring the basics of system analysis and ecosystem theory. By understanding human-environmental interactions through land-use conflicts between agriculture, environmental protection, urban expansion, water management, tourism etc., students will be able to link advanced methods of system analysis and ecological modelling with modern methods of natural resource management. Issues associated with the relationship between material/energy resources, the environment and sustainable development will be a recurring theme in this programme.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science fix-Xjenza Ambjentali Applikata juża metodu interdixiplinarju fl-investigazzjoni tal-proċessi li jikkontrollaw id-dinja u l-ambjent tagħha. Il-programm se jagħti l-għarfien u l-ħiliet kollha meħtieġa biex l-istudenti jaħtfu l-opportunitajiet ipprezentati minn żviluppi godda f'oqsma bħaċ-ċikli globali, il-bijogeokimika, it-teknoloġiji sostenibbli, it-trattament tal-iskart u tal-ilma, il-valutazzjoni u r-rimedju tat-tniġġis ambjentali, u l-periklu naturali. L-istudenti se jkunu esposti għal varjetà wiesgħa ta' kwistjonijiet ambjentali, b'suġġetti relatati mal-analiżi, u l-immaniġġjar tas-sistemi umani-ambjentali billi jesploraw il-bażi tal-analiżi tas-sistema u t-teorija tal-ekosistema. Billi jifhmu l-interazzjonijiet bejn il-bniedem u l-ambjent permezz ta' kunflitti bejn l-użu tal-art u l-agrikoltura u l-protezzjoni ambjentali, l-espansjoni urbana, l-immaniġġjar tal-ilma, it-turiżmu eċċ., l-istudenti jkunu jistgħu jgħaqqdu metodi avvanzati ta' analiżi tas-sistema u mudellar ekoloġiku ma' metodi moderni ta' ġestjoni tar-riżorsi naturali. Kwistjonijiet assoċjati mar-relazzjoni bejn ir-riżorsi materjali/enerġija, l-ambjent u l-iżvilupp sostenibbli se jkunu tema rikorrenti f'dan il-programm.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

· First degree (Level 6) in Engineering; Environment; physics; geography; biology; chemistry or any related field OR  
· Relevant degree (Level 5) qualification and adequate professional experience are also considered

## Course Duration

FT 3 Semesters  
PT 5 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Master of Science in Environmental and Water Resource Management

Meeting the often-competing demands for freshwater in semi-arid coastal and island regions whilst ensuring the protection of natural freshwater resources for future generations requires a creative and integrated approach to water management. The MSc in Environmental and Water Resource Management at MCAST provides students with the opportunity to learn and explore a wide range of interdisciplinary subjects, all of which will provide essential knowledge and tools required in the development of the next generation of water professionals.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Id-domanda għall-ilma ħelu f'reġjuni kostali u gżejjer semi-aridi u l-protezzjoni tar-riżorsi naturali tal-ilma ħelu għall-ġenerazzjonijiet futuri joħolqu l-ħtieġa ta' metodu kreattiv u integrat għall-immaniġġjar tal-ilma. Il-MSc in Environmental and Water Resource Management fl-MCAST jipprovdi lill-istudenti bl-opportunità li jitgħallmu u jespjoraw firxa wiesgħa ta' suġġetti interdixiplinari, li kollha se jipprovdu għarfien essenzjali u għodod meħtieġa fl-iżvilupp tal-ġenerazzjoni li jmiss ta' professjonisti tal-ilma.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

- First degree (Level 6) in Engineering; Environment; physics; geography; biology; chemistry or any related field OR
- Relevant degree (Level 5) qualification and adequate professional experience are also considered

## Course Duration

- FT 3 Semesters
- PT 5 Semesters

## Mode

- Blended

## MQF Level

- 7

## Credits

- 90 ECTS



# Master of Science in Environmental Resource Management

Given that human activities significantly influence the natural environment, the MSc in Environmental Resource Management will provide students with an in-depth understanding of what the implications of such activities on the environment are and what mitigation measures are needed in order to reduce such influences. Like any long-term strategy, understanding and safeguarding the environment requires a holistic perspective; since safeguarding one aspect today might have ripple effects on other factors eventually. The programme is characterised by several modules that will allow students to develop technical solutions needed to solve, attenuate or control environmental issues. Specialised modules include Renewable Energy and Green Technologies, which aims to examine the technical, economic, and political aspects of renewable energy, as well as evaluate the successes and failures of implementing alternative energies at the local, national, and regional levels. The Food-Energy-Water Nexus unit will provide students with a thorough understanding of the complex and dynamic interrelationships between water, energy and food. Essentially, this will enable the use and management of such resources sustainably. Ecotoxicology aims to assess the effects of different classes of pollutants on individual organisms and on species in food webs, enabling students to predict the negative implications on entire populations, ecosystems and on human food resources.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Minhabba li l-attivitajiet umani jinfluwenzaw l-ambjent naturali, il-MSc fl-Immaniġġjar tar-Riżorsi Ambjentali se jipprovdi lill-istudenti fehim fil-fond ta' x'inhuma l-implikazzjonijiet tal-attivitajiet fuq l-ambjent u liema miżuri ta' mitigazzjoni huma meħtieġa. Bħal kull strategija fit-tul, il-ħarsien tal-ambjent jeħtieġ perspettiva ħolistika; peress li aspett wieħed illum jista' jkollu effetti fuq fatturi oħra eventwalment. Il-programm huwa kkaratterizzat minn diversi moduli li se jippermettu lill-istudenti jiżviluppaw soluzzjonijiet tekniċi meħtieġa biex isolvu, inaqqsu jew jikkontrollaw kwistjonijiet ambjentali. Moduli speċjalizzati jinkludu Energija Rinnovabbli u Teknoloġiji Ħodor, li għandhom l-għan li jeżaminaw l-aspetti tekniċi, ekonomiċi u politiċi tal-enerġija rinnovabbli, kif ukoll jevalwaw is-suċċessi u l-fallimenti tal-implimentazzjoni ta' enerġiji alternattivi fil-livelli lokali, nazzjonali u reġjonali. L-unità Food-Energy-Water Nexus se tipprovdi lill-istudenti għarfien sħiħ tal-interrelazzjonijiet kumplessi u dinamiċi bejn l-ilma, l-enerġija u l-ikel. Essenzjalment, dan se jippermetti l-użu u l-immaniġġjar ta' riżorsi b'mod sostenibbli. L-ekotossikoloġija għandha l-għan li tivvaluta l-effetti ta' klassijiet differenti ta' sustanzi li jniġġsu fuq organiżmi individwali u fuq speċijiet u xbieki tal-ikel, li tippermetti lill-istudenti jfassru l-implikazzjonijiet negattivi fuq popolazzjonijiet sħaħ, ekosistemi u fuq ir-riżorsi tal-ikel tal-bniedem.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

- First degree (Level 6) in Engineering; Environment; physics; geography; biology; chemistry or any related field OR
- Relevant degree (Level 5) qualification and adequate professional experience are also considered

## Course Duration

- FT 3 Semesters
- PT 5 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Master of Science in Urban Environmental Science Management

Master in urban environmental science management offers an interdisciplinary approach into the investigation of processes that control the earth and its environment. The course introduces students to the necessary knowledge and skills to seize opportunities presented by new developments in areas such as global cycles, biogeochemistry, sustainable technologies, environmental pollution assessment and remediation, and natural hazard. This is achieved through a balance between policy, mathematical modelling, ecosystem management and research methods all related to the environmental field. The course focusses on resource management and allocation through three specialised units. Urban planning provides a holistic approach to the analysis and design of basic infrastructural requirements within regions. Resource management is aimed at understanding the potential of the resources available in order to make the best use of them through specialised scientific calculations. Solid waste management technologies aims to give an overview on various hazardous and non-hazardous waste management processes.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Masters fil-manigment tax-xjenza ambjentali urbana joffri metodu interdixiplinarju fl-investigazzjoni ta' proċessi li jikkontrollaw id-dinja u l-ambjent. Il-kors jintroduċi lill-istudenti għall-għarfien u l-ħiliet meħtieġa biex jaħtfu l-opportunitajiet ta' żviluppi godda f'oqsma bħal ċikli globali, il-bijogeokimika, it-teknoloġiji sostenibbli, il-valutazzjoni u rimedju tat-tniġġis ambjentali, u periklu naturali. Dan jinkiseb permezz ta' bilanċ bejn politika, mudellar matematiku, ġestjoni tal-ekosistema u metodi ta' riċerka kollha relatati mal-qasam ambjentali. Il-kors jiffoka fuq it-tmexxija u l-allokazzjoni tar-riżorsi permezz ta' tliet unitajiet speċjalizzati. L-ippjanar urban jipprovdi mod sħiħ għall-analiżi u d-disinn tar-reqwiżiti infrastrutturali bażiċi fir-reġjuni. Il-manigment tar-riżorsi huwa mmirat biex tifhem il-potenzjal tar-riżorsi sabiex isir l-aħjar użu minnhom permezz ta' kalkoli xjentifiċi speċjalizzati. It-teknoloġiji tal-immaniġġjar tal-iskart solidu għandhom l-għan li jagħtu ħarsa ġenerali lejn diversi proċessi tal-immaniġġjar tal-iskart perikoluż u mhux perikoluż.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

· First degree (Level 6) in Engineering; Environment; physics; geography; biology; chemistry or any related field OR  
 · Relevant degree (Level 5) qualification and adequate professional experience are also considered

## Course Duration

FT 3 Semesters  
 PT 5 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Introductory Certificate in Animal Husbandry and Horticultural Skills

This basic programme of study equips learners with a range of skills, enabling them to begin to understand what various land-based animal and crop activities involve. The learner will have the opportunity to handle a variety of farm animals as well as work on crop fields and fruit trees. This course of study includes topics about soil management, establishing crops, animal management, livestock nutrition and farm maintenance. Learners will have the opportunity to feed various animals such as rabbits and poultry, incubate eggs and hatch chicks whilst gaining the required hands-on experience in the horticulture and animal husbandry sector.

Dan il-programm bażiku ta' studju jipprovdi lill-istudenti firxa ta' ħiliet li permezz tagħhom huma jibdew jifhmu x'jinvolvu diversi attivitajiet tal-annimali u l-għelejjel. L-istudent ikollu l-opportunità li jieħu ħsieb varjetà ta' annimali tal-irziezet, kif ukoll li jaħdem fl-għelieqi tal-għelejjel u fuq is-siġar tal-frott. Dan il-kors ta' studju jinkludi suġġetti dwar il-ġestjoni tal-ħamrija, l-istabbiliment ta' għelejjel, il-ġestjoni tal-annimali, in-nutrizzjoni tal-bhejjem u l-manutenzjoni tal-irziezet. L-istudenti jkollhom l-opportunità li jagħlfu diversi annimali bħal fniek u tjur, jużaw l-inkubatur tal-bajd u jfaqqsu l-flieles, filwaqt li jiksbu l-esperjenza prattika meħtieġa fl-ortikultura u fit-trobbija tal-annimali.

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## Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

1

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## Credits

40 ECTS

# Foundation Certificate in Horticulture and Animal Care

This programme of study is designed to equip learners with a range of basic skills and competences enabling them to become competent in various land-based activities related to the agricultural sector. This programme of studies includes a significant amount of vocational practice that will provide a clear idea of the nature of the area that the learner may wish to follow in the future. Learners will have the opportunity to gain hands-on experience with farm animals, exotic animals and plants. Special focus will be given to soil, crop and animal management, livestock nutrition and farm maintenance.

Dan il-programm ta' studju huwa mfassal biex jipprovdi lill-istudenti firxa ta' ħiliet u kompetenzi bażiċi sabiex isiru kompetenti f'diversi attivitajiet li jinvolvu l-art u li huma relatati mas-settur agrikolu. Dan il-programm ta' studju jinkludi ammont sinifikanti ta' prattika vokazzjonali li tagħti idea ċara tan-natura tal-qasam li l-istudent jista' jkun jixtieq jinvolvi ruħu fih fil-futur. L-istudenti jkollhom l-opportunità li jiksbu esperjenza prattika ma' annimali tal-irziezet, annimali eżotiċi u pjanti. Tingħata attenzjoni speċjali lill-ġestjoni tal-ħamrija, tal-għelejjel u tal-annimali, in-nutrizzjoni tal-bhejjem u l-manutenzjoni tal-irziezet.

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## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

2

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## Credits

60 ECTS

# ALP+ Extended Diploma in Animal Care

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to working with and handling farm animals and pets. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the animal care sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of study offers an introduction to working with and handling farm animals and pets, and provides the necessary related hands-on experience. It provides the practical skills and background knowledge required to form a solid foundation in animal care. The learner will have the opportunity to acquire knowledge on various habitat designs that can be used as accommodation for farm and pet animals, and study feeding procedures and how to identify and solve animal health problems. A learner who opts for this programme of study will be expected to attend scheduled husbandry duties which form part of this course. This practical experience, coupled with motivation and responsibility, will back up the theoretical knowledge gained during lectures.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-ħidma u t-ttrattament tal-annimali u l-annimali domestiċi. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-annimal. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tad-Diploma Avanzata fil-qasam li jippreferu..

Dan il-programm ta' studju joffri introduzzjoni għall-ħidma mal-annimali tal-irziezet u l-annimali domestiċi u t-ttrattament tagħhom, flimkien mal-esperjenza Prattika relatata meħtieġa. Il-kors jipprovdi l-ħiliet Prattiki u l-għarfien bażiku biex tiġi fformata bażi soda fir-rigward tal-kura tal-annimali. L-istudent ikollu l-opportunità li jakkwista għarfien dwar diversi disinjati ta' abitazzjoni li jstgħu jintużaw bħala akkomodazzjoni għall-annimali tal-irziezet u l-annimali domestiċi, u li jistudja dwar il-proċeduri tal-għalf u kif jidentifika u jsolvi problemi ta' saħħa tal-annimali. Student li jagħzel li jsegwi dan il-programm ta' studju se jkun mistenni jaqdi dmirijiet skedati tat-trobbija tal-annimali li jiffurmaw parti minn dan il-kors. Din l-esperjenza Prattika, flimkien mal-motivazzjoni u r-responsabbiltà, se jsaħhu l-għarfien teoretiku li l-istudent ikun kiseb matul il-lezzjonijiet.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



# ALP+ Extended Diploma in Horticulture

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to horticulture. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the horticulture sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of study consists of four different modules: viticulture, floral design, gardening and nursery production, crop production and processing. Practical sessions and work experience form an integral part of the programme of study, providing the learners with the required skills and competences to improve employment opportunities. The course also provides a good foundation for future career prospects in the respective fields as well as for progression to a more advanced qualification.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-ortikultura. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventualment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-ortikultura. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-programm ta' studju jikkonsisti f'erba' unitajiet differenti: il-vitikultura, id-disinn tal-fjuri, il-ġardinaġġ u t-tkabbir tal-pjanti, il-produzzjoni u l-ipproċessar tal-għelejje. Sessjonijiet Prattici u esperjenza ta' xogħol jiffurmaw parti integrali mill-programm ta' studju u jipprovdu lill-istudenti l-ħiliet u l-kompetenzi meħtieġa biex itejbu l-opportunitajiet tagħhom li jsibu impjeg. Il-kors jipprovdi wkoll bażi tajba għal prospetti ta' karriera fl-oqsma rispettivi fil-futur, jew biex l-istudent ikompli jistudja fl-livell aktar avvanzat.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

## ALP+ Extended Diploma in Fish Husbandry

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to fish farming and aquatics industries. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the fish husbandry sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of study introduces the learner to the basics of fish husbandry and provides the knowledge and skills required by the learner for eventual employment in related industries such as the fish farming and aquatics industries. Being the only course in Malta that is solely dedicated to fish husbandry, this programme offers an excellent opportunity for employment in this industry, which has now become an important economic sector in the Maltese Islands. The learner will develop the knowledge and practical skills needed, provided that one attends all the practical sessions which are vital to enhance the theoretical knowledge gained during lectures.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat trobbija tal-ħut u tal-akkwatika. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventualment iwasslu għal impjieg fil-livell ta' assistent tekniku fis-settur tat-trobbija tal-ħut. L-esperjenza prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fil-MCAST, billi jagħzlu wiehed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-programm ta' studju jintroduċi lill-istudent għall-aspetti bażiċi tat-trobbija tal-ħut u jipprovi l-għarfien u l-ħiliet meħtieġa biex eventualment isib impjieg f'industrija relatati, bħal dawk tat-trobbija tal-ħut u tal-akkwatika. Billi huwa l-uniku kors f'Malta ddedikat biss għat-trobbija tal-ħut, dan il-programm joffri opportunità eċċellenti għal impjieg f'din l-industrija, li issa saret settur ekonomiku importanti fil-Gżejjer Maltin. L-istudent jiżviluppa l-għarfien u l-ħiliet prattiċi meħtieġa, ladarba jattendi s-sessjonijiet prattiċi kollha li huma kruċjali biex jissahħaħ l-għarfien teoretiku miksub waqt il-lezzjonijiet.

### Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

### Course Duration

2 Year Full-time

### MQF Level

2/3

### Mode

College-based with work-based learning possibilities

### Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



## Diploma in Animal Care

This programme of study offers an introduction to working with and handling farm animals and pets, and provides the necessary related hands-on experience. It provides the practical skills and background knowledge required to form a solid foundation in animal care. The learner will have the opportunity to acquire knowledge on various habitat designs that can be used as accommodation for farm and pet animals, and study feeding procedures and how to identify and solve animal health problems. A learner who opts for this programme of study will be expected to attend scheduled husbandry duties which form part of this course. This practical experience, coupled with motivation and responsibility, will back up the theoretical knowledge gained during lectures.

Dan il-programm ta' studju joffri introduzzjoni għall-ħidma mal-annimali tal-irziezet u l-annimali domestiċi u t-trattament tagħhom, flimkien mal-esperjenza Prattika relatata meħtieġa. Il-kors jipprovdi l-ħiliet prattiċi u l-għarfien bażiku biex tiġi fformata bażi soda fir-rigward tal-kura tal-annimali. L-istudent ikollu l-opportunità li jakkwista għarfien dwar diversi disinji ta' abitazzjoni li jistgħu jintużaw bħala akkomodazzjoni għall-annimali tal-irziezet u l-annimali domestiċi, u li jistudja dwar il-proċeduri tal-għalf u kif jidentifika u jsolvi problemi ta' saħħa tal-annimali. Student li jagħżel li jsegwi dan il-programm ta' studju se jkun mistenni jaqdi dmirijiet skedati tat-trobbija tal-annimali li jiffurmaw parti minn dan il-kors. Din l-esperjenza Prattika, flimkien mal-motivazzjoni u r-responsabbiltà, se jsaħħu l-għarfien teoretiku li l-istudent ikun kiseb matul il-lezzjonijiet.

### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

### Career Opportunities

Animal groomer assistant · Pet shop assistant ·  
Animal care assistant

### Course Duration

1 Year Full-time

### Mode

May include the  
possibility of Work-  
Based Learning

### MQF Level

3

### Credits

60 ECTS

# Diploma in Horticulture

This programme of study consists of four different modules: viticulture, floral design, gardening and nursery production, crop production and processing. Practical sessions and work experience form an integral part of the programme of study, providing the learners with the required skills and competences to improve employment opportunities. The course also provides a good foundation for future career prospects in the respective fields as well as for progression to a more advanced qualification. This programme also gives the learner the possibility to choose one's own combination of different modules leading to certification of an award for each individual stand-alone module that the learner has successfully completed.

Dan il-programm ta' studju jikkonsisti f'erba' unitajiet differenti: il-vitikultura, id-disinn tal-fjuri, il-ġardinaġġ u t-tkabbir tal-pjanti, il-produzzjoni u l-i-proċessar tal-għelejjel. Sessjonijiet prattiċi u esperjenza ta' xogħol jiffurmaw parti integrali mill-programm ta' studju u jipprovdu lill-istudenti l-ħiliet u l-kompetenzi meħtieġa biex itejbu l-opportunitajiet tagħhom li jsibu impjieg. Il-kors jipprovdi wkoll bażi tajba għal prospetti ta' karriera fl-oqsma rispettivi fil-futur, jew biex l-istudent ikompli jstudja f'livell aktar avanzat. Dan il-programm jagħti lill-istudent il-possibiltà li jagħzel huwa stess il-kombinazzjoni ta' unitajiet differenti, li jwasslu biex l-istudent jikseb ċertifikat ta' għotja għal kull unità li jtemm b'suċċess.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Career Opportunities

Plant nursery assistant · Horticulture farm/  
greenhouse aide · Florist assistant · Viticulture  
attendant

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## Course Duration

1 Year Full-time

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## Mode

May include the  
possibility of Work-  
Based Learning

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## MQF Level

3

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## Credits

60 ECTS

# Diploma in Fish Husbandry

This programme of study introduces the learner to the basics of fish husbandry and provides the knowledge and skills required by the learner for eventual employment in related industries such as the fish farming and aquatics industries. Being the only course in Malta that is solely dedicated to fish husbandry, this programme offers an excellent opportunity for employment in this industry, which has now become an important economic sector in the Maltese Islands. The learner will develop the knowledge and practical skills needed, provided that one attends all the practical sessions which are vital to enhance the theoretical knowledge gained during lectures.

Dan il-programm ta' studju jintroduċi lill-istudent għall-aspetti bażiċi tat-trobbija tal-ħut u jipprovdi l-għarfien u l-ħiliet meħtieġa biex eventwalment isib impjieg f'industriji relatati, bħal dawk tat-trobbija tal-ħut u tal-akkwatika. Billi huwa l-uniku kors f'Malta ddedikat biss għat-trobbija tal-ħut, dan il-programm joffri opportunità eċċellenti għal impjieg f'din l-industrija, li issa saret settur ekonomiku importanti fil-Gżejjer Maltin. L-istudent jżviluppa l-għarfien u l-ħiliet prattiċi meħtieġa, basta jattendi s-sessjonijiet prattiċi kollha li huma vitali biex jissaħħaħ l-għarfien teoretiku miksub waqt il-lezzjonijiet.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Career Opportunities

Fish farm assistant · Aquarium shop assistant

## Course Duration

1 Year Full-time

## Mode

May include the possibility of Work-Based Learning

## MQF Level

3

## Credits

60 ECTS

# Advanced Diploma in Animal Management and Veterinary Nursing

This course of study provides learners with a broad knowledge of the animal management and animal care industry. It delves into various topics related to a wide range of companion and livestock animals. The programme of study offers a wide perspective on the latest practices in the animal management, husbandry and care sectors as well as their interconnectivity with entrepreneurship and the related business sector. Learners will be encouraged to relate theory to practice at all stages through assignments, projects, practical work and work placements. Scheduled practical livestock husbandry and veterinary nursing duties form an integral part of the curriculum.

Dan il-kors ta' studju jipprovi lill-istudenti għarfien wiesa' fir-rigward tal-industrija tal-ġestjoni u l-kura tal-annimali. Jidhrol fid-dettall dwar suġġetti relatati ma' firxa wiesgħa ta' annimali domestiċi u dawk li jitrabbejw fl-irziezet. Il-programm ta' studju joffri perspettiva wiesgħa dwar il-prattiċi l-aktar riċenti fis-setturi tal-ġestjoni, it-trobbija u l-kura tal-annimali, kif ukoll ir-rabta tagħhom mal-intraprenditorija u s-settur kummerċjali relatat. L-istudenti jiġu mħeġġa jorbtu t-teorija mal-prattika fl-istadji kollha tal-kors permezz ta' assignments, proġetti, ħidma Prattika -u esperjenzi ta' xogħol. Id-dmirijiet skedati tat-trobbija Prattika tal-bhejjem u tal-infermiera veterinarji huma parti integrali mill-kurrikulu.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

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## Course Duration

2 Years Full-time

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## MQF Level

4

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## Mode

Includes Work  
Placement

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## Credits

120 ECTS

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## Career Opportunities

Listed Veterinary Nurse · Veterinary Auxiliary ·  
Farm operator · Animal sanctuary warden

## Advanced Diploma in Horticulture

This programme of study provides learners with an understanding of the horticultural industry including crop management of a wide range of crops, an introduction to garden design, floristry, pest and nutrient management, and studies in rural development and agricultural policies. The programme of study offers a wide perspective on the latest technologies used in the agricultural sector as well as its interconnectivity with entrepreneurship, business and the hospitality sector in relation to garden design and agri- and ecotourism. Learners will be encouraged to relate theory to practice at all stages of learning through assignments, projects and practical work. Scheduled practical crop husbandry duties form an integral part of the curriculum.

Dan il-programm ta' studju jipprovi lill-istudenti fehim dwar l-industrija tal-ortikultura, inkluż il-ġestjoni ta' firxa wiesgħa ta' għelejjel, id-disinn tal-ġonna (introduzzjoni), il-produzzjoni u l-bejgħ tal-fjuri, il-ġestjoni tal-pesti u tan-nutrizzjoni, u studji tal-politika dwar l-iżvilupp rurali u l-agrikoltura. Il-programm ta' studju joffri perspettiva wiesgħa dwar it-teknoloġiji l-aktar riċenti użati fis-settur agrikolu, kif ukoll ir-rabta tiegħu mal-intraprenditorija u s-setturi kummerċjali tal-ospitalità fir-rigward tad-disinn tal-ġonna, l-agrituriżmu u l-ekoturizmu. L-istudenti jġu mhegga jorbtu t-teorija mal-prattika fl-istadji kollha tal-kors permezz ta' assignments, proġetti, u ħidma Prattika. Dmirijiet skedati fil-kura Prattika tal-għelejjel jiffurmaw parti integrali mill-kurrikulu.

### Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

### Course Duration

2 Years Full-time

### MQF Level

4

### Mode

Includes Work  
Placement

### Credits

120 ECTS

### Career Opportunities

Horticulture assistant inspector · Garden design assistant · Vegetable/fruit grower · Rural development operator

# Advanced Diploma in Fish Management

This programme of study offers learners a wide perspective of different aspects of fish management and will provide them with a broad knowledge and aptitude related to the fish husbandry sector and industry. Learners will acquire knowledge, skills and competences in both the farmed and ornamental fish husbandry industries. This programme of study also exposes learners to key concepts related to wild stock fisheries management. The programme will give an opportunity to learners to gain experience while learning new skills. They are constantly encouraged to relate theory to practice at all stages through assignments, projects, practical work and work placements. Scheduled fish husbandry duties form an integral part of the curriculum.

Dan il-programm ta' studju joffri lill-istudenti perspettiva wiesgħa ta' aspetti differenti tal-ġestjoni tal-ħut u jipprovdihom għarfien u kapacitajiet mifruxa relatati mas-settur u l-industrija tat-trobbija tal-ħut. L-istudenti jakkwistaw l-għarfien, il-ħiliet u l-kompetenzi meħtieġa fl-industrija tat-trobbija tal-ħut, kemm f'dik tal-fish farms kif ukoll f'dik ornamental. Dan il-programm ta' studju jesponi wkoll lill-istudenti għal kuncetti ewlenin relatati mal-ġestjoni tas-sajd tal-ħut selvaġġ. Il-programm jagħti opportunità lill-istudenti biex jiksibu esperjenza filwaqt li jitgħallmu ħiliet ġodda. Huma jiġu kontinwament imħeġġa li jorbtu t-teorija mal-prattika fl-istadji kollha tal-kors, permezz ta' assignments, proġetti, ħidma Prattika u esperjenzi ta' xogħol. Dmirijiet skedati tat-trobbija Prattika tal-ħut jiffurmaw parti integrali mill-kurrikulu.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

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## Course Duration

2 Years Full-time

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## MQF Level

4

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## Mode

Includes Work  
Placement

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## Credits

120 ECTS

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## Career Opportunities

Fish farm attendant · Aquaculture/Aquatic  
technician · Hatchery assistant · Aquarium  
maintenance technician

# Bachelor of Science (Honours) in Animal Management and Veterinary Nursing

This Bachelor's degree aims at providing learners with the opportunity to specialise in the veterinary nursing profession whilst also learning subjects related to other aspects of livestock management and animal care. The students will have the opportunity to study various aspects of veterinary nursing of various animals whilst practising clinical skills throughout the duration of the course. The course will also tackle subjects related to wildlife sciences and the business components of animal enterprises. Furthermore, learners will undertake a research project whereby they will be expected to select a topic for investigation following an established methodology.

Dan il-kors, li jwassal għal baċcellerat, għandu l-għan li jipprovdi lill-istudenti l-opportunità li jispeċjalizzaw fil-professjoni ta' infirmier/a veterinarju filwaqt li jinkludi fih suġġetti relatati mal-ġestjoni tat-trobbija u l-kura tal-annimali. L-istudenti jkollhom l-opportunità li jistudjaw aspetti varji sabiex ikunu kapaċi jassistu fil-kura lil annimali differenti filwaqt li jipprattikaw dawn il-ħiliet kliniċi matul il-kors kollu. Dan il-kors jitratta wkoll suġġetti differenti li għandhom x'jaqsmu max-xjenzi relatati mal-fawna salvaġġa u aspetti kummerċjali ta' intrapriżi relatati mal-annimali. L-istudenti jwettqu wkoll proġett ta' riċerka li għalih ikunu mistennija jaġħżlu suġġett biex jinvestigawh billi jsegwu metodoloġija stabbilita.

## Entry Requirements

MCAST Advanced Diploma in Animal Management and Veterinary Nursing  
or  
MCAST Advanced Diploma in Fish Management  
or  
MCAST Advanced Diploma in Horticulture  
or  
2 A-Level passes and 2 I-Level passes

## Course Duration

3 Years Full-time

## Mode

Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Registered veterinary nurse · Veterinary technician · farm manager · Nutritional adviser

# Bachelor of Science (Honours) in Horticulture

This programme gives learners skills in the latest horticultural practices with the use of modern technology. Learners will have the opportunity to study and practise different aspects related to their main area of study, with the aim of seeking employment at management level in private enterprise, in research and development and/or in regulatory services both locally and internationally. This programme offers the required knowledge and competences related to crop production, pest management, landscaping, viticulture and many others. Furthermore, learners will undertake a research project whereby they will be expected to select a topic for investigation following an established methodology.

Dan il-programm jagħti lill-istudenti ħiliet fil-prattiċi ortikurali l-aktar riċenti bl-użu ta' teknoloġija moderna. L-istudenti jkollhom l-oportunità li jistudjaw u jipprattikaw aspetti differenti relatati mal-qasam prinċipali tal-istudju tagħhom, bil-għan li jsibu impjieg fil-livell maniġerjali fl-intrapriża privata, fir-riċerka u l-iżvilupp u/jew fis-servizzi regolatorji, kemm lokalment kif ukoll barra mill-pajjiż. Dan il-programm joffri l-għarfien u l-kompetenzi meħtieġa relatati mal-produzzjoni tal-għelejjel, ġestjoni ta' pesti, disinn ta' ġonna/pajsagġ, vitikultura u ħafna oħrajn. Matul dan il-kors l-istudenti jkunu meħtieġa li jaħdmu fuq proġett ta' riċerka fejn jagħzlu sugġett sabiex jinvestigawh, u jagħmlu riċerka skont metodoloġija stabbiltà.

## Entry Requirements

MCAST Advanced Diploma in Fish Management  
or  
MCAST Advanced Diploma in Animal Management and Veterinary Nursing  
or  
MCAST Advanced Diploma in Horticulture  
or  
2 A-Level passes and 2 I-Level passes

## Course Duration

3 Years Full-time

## Mode

Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Farm advisory services provider · Farm inspector · Farm manager · Professional landscaper · Garden designer · EU/National regulatory control manager



# Bachelor of Science (Honours) in Fisheries and Aquaculture

This programme of study provides learners with a very thorough understanding of aquaculture and fisheries sciences and includes a wide range of aspects that will provide a better understanding of these sectors. The study units revolve around the aquaculture and fisheries sciences to provide an in-depth understanding of the production and management of aquaculture facilities, and the highly complex field of fisheries. This programme of study is intended for those who want to delve deeper into the fish management sciences and who want to start a career in this sector.

Dan il-programm ta' studju jipprovdi lill-istudenti għarfien dettaljat tax-xjenzi tal akkwakultura u s-sajd u jinkludi firxa wiesgħa ta' aspetti li jgħinuhom jifhmu aħjar dawn is-setturi. L-unitajiet ta' studju jduru madwar ix-xjenzi tal-akkwakultura u s-sajd u jirrigwardaw il-produzzjoni u l-ġestjoni ta' faċilitajiet tal-akkwakultura li jipprovdu informazzjoni dettaljata dwar l-produzzjoni u l-ġestjoni tal-faċilitajiet tal-akkwakultura, u il-qasam kumpless tas-sajd. Dan il-programm ta' studju huwa maħsub għal dawk li jixtiequ jidhlu aktar fil-fond fix-xjenzi tal-ġestjoni tas-sajd u li għaldaqstant jixtiequ jibdew karriera f'dan is-settur.

## Entry Requirements

MCAST Advanced Diploma in Animal Management and Veterinary Nursing  
or  
MCAST Advanced Diploma in Fish Management  
or  
MCAST Advanced Diploma in Horticulture  
or  
2 A-Level passes and 2 I-Level passes

## Course Duration

3 Years Full-time

## Mode

Internship

## MQF Level

6

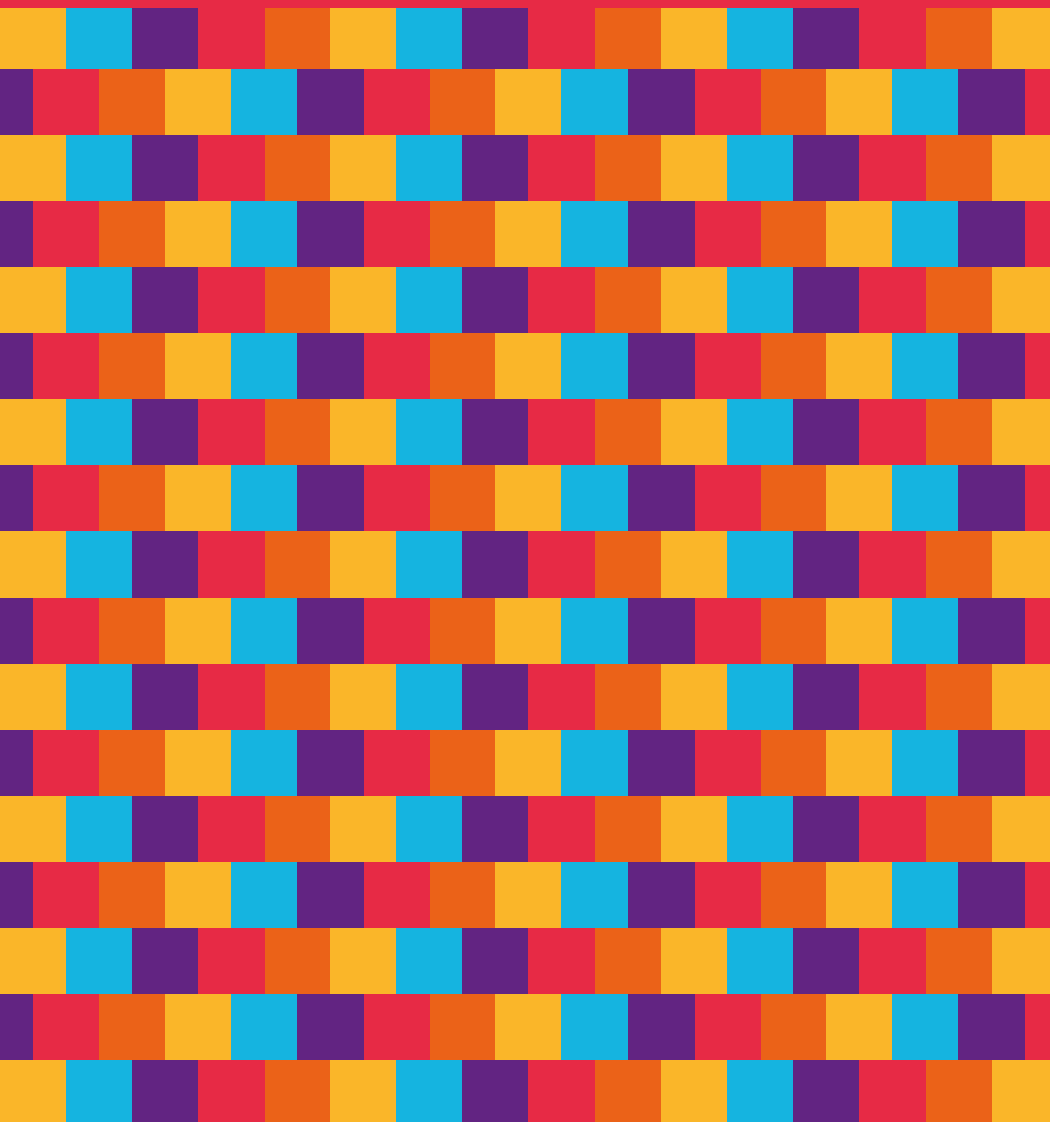
## Credits

180 ECTS

## Career Opportunities

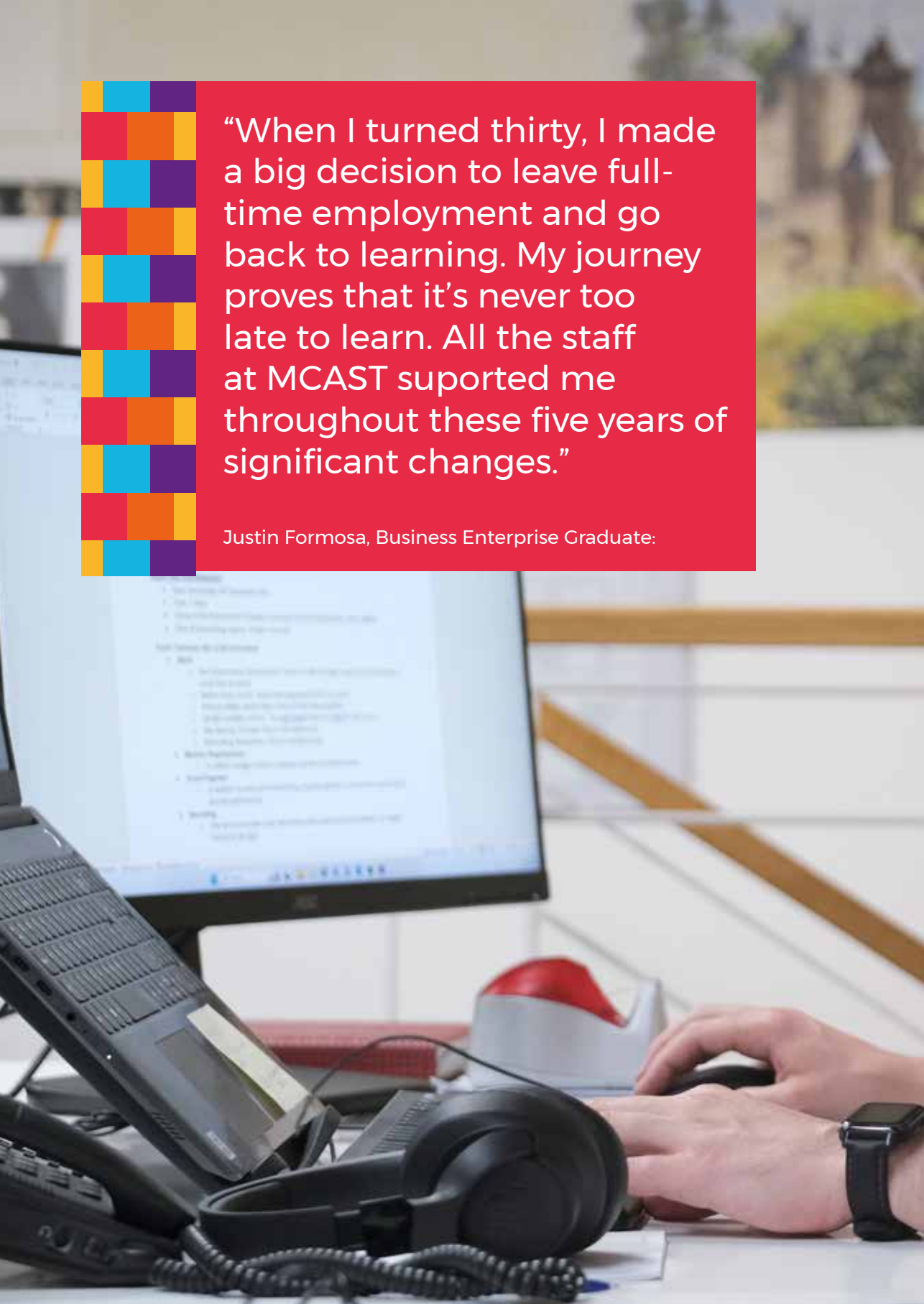
Fisheries inspector · Fish farm manager · Aquarist  
· Fish enterprise manager · EU/National regulatory control manager

# BUSINESS MANAGEMENT AND COMMERCE



# Courses

- 76 **Introductory Certificate in Business**
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“When I turned thirty, I made a big decision to leave full-time employment and go back to learning. My journey proves that it’s never too late to learn. All the staff at MCAST supported me throughout these five years of significant changes.”

Justin Formosa, Business Enterprise Graduate:



## Introductory Certificate in Business

This programme is aimed at learners who would like to explore the world of studying business-related subjects. During the programme, learners will be exposed to the basics of business concepts including organisational structures and different business areas. The course will also provide learners with skills related to subjects such as English, Mathematics and Maltese as well as other key skill units which will help them in their progression towards further studies.

Dan il-programm huwa mmirat għal studenti li jixtiequ jesploraw id-dinja tal-istudju ta' suġġetti relatati man-negozju. Matul il-programm, l-istudenti se jiltaqgħu mal-kunċetti bażiċi tan-negozju, inkluzi strutturi organizzattivi u oqsma differenti tan-negozju. Il-kors se jipprovdi wkoll lill-istudenti l-ħiliet relatati ma' suġġetti bħall-Ingliż, il-Matematika u l-Malti, kif ukoll unitajiet ta' ħiliet ewlenin oħra li jgħinuhom jimxu 'l quddiem biex ikunu jistgħu jkomplu jistudjaw.

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### Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests and/or Interview (as may be applicable)

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### Course Duration

1 Year Full-time

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### MQF Level

1

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### Credits

40 ECTS

## Foundation Certificate in Business

This programme provides learners with an introduction to business-related topics such as Basic Bookkeeping and Financial Literacy, Human Resources, Sales and Business Concepts. These different topics are introduced at a basic level through a variety of teaching methods as well as assessment techniques with the aim of catering for different learning styles.

Dan il-programm jintroduċi lill-istudenti għal suġġetti relatati man-negozju, bħall-Bookkeeping bażiku u l-Litteriżmu Finanzjarju (l-abbiltà li wieħed jifhem u juża ċerti ħiliet marbuta mal-finanzi), ir-Riżorsi Umani, il-Bejgħ u Kuncetti tan-Negozju. Dawn is-suġġetti differenti huma introdotti f'livell bażiku permezz ta' varjetà ta' metodi ta' tagħlim u modi ta' valutazzjoni differenti bil-għan li dawn jolqtu stili differenti ta' kif wieħed jitgħallem.

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### Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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### Course Duration

1 Year Full-time

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### MQF Level

2

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### Credits

60 ECTS

# ALP+ Extended Diploma in Business

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to different areas of business. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the business sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme is aimed at preparing learners to further their studies in different areas of business. The course aims to allow learners to improve in the areas of written and spoken English and Maltese as well as in their Mathematical and IT skills. The course however also goes into more detail, while starting from the very basics of different business areas and functions such as Accounts, Human Resources, Marketing, Purchasing, and others. This generic background allows the students to bring their academic level up to scratch, while acquiring enough knowledge about the different business areas to be able to progress onto further studies.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat ma' diversi oqsma tan-negozju. Dan il-kors jiffoka fuq l-għarfien u l-hiliet meħtieġa biex eventwalment iwasslu għal impjieg fil-livell ta' assistent tekniku fis-settur tan-negozju. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-hiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wiehed mill-bosta korsijiet tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-programm huwa mmirat lejn it-tnejja ta' studenti biex ikomplu l-istudji tagħhom f'oqsma differenti tan-negozju. Il-kors għandu l-għan li jgħin lill-istudenti jtejbu l-hiliet tagħhom fl-oqsma tal-kitba u t-taħdit bl-Ingliż u bil-Malti, kif ukoll il-hiliet tagħhom fil-Matematika u l-IT. Madankollu, il-kors jidhol ukoll f'hafna aktar dettall, filwaqt li jibda mill-kunċetti verament bażiċi ta' oqsma u funzjonijiet differenti tan-negozju bħall-Accounts, ir-Riżorsi Umani, il-Marketing, ix-Xiri u oħrajn. Dan l-isfond generiku jippermetti lill-istudenti jtejbu l-livell akkademiku tagħhom sa standard aċċettabbli, filwaqt li jiksbu biżżejjed għarfien dwar l-oqsma differenti tan-negozju sabiex ikunu jistgħu jkomplu jistudjaw f'livell aktar avanzat.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3





SERVICES



mcast



# Diploma in Business

This programme is aimed at preparing learners to further their studies in different areas of business. It is a preparatory course for those wishing to further their studies at MCAST on to MQF Level 4. The course aims to allow learners to improve in the areas of written and spoken English and Maltese as well as in their Mathematical and IT skills. The course however also goes into more detail, while starting from the very basics of different business areas and functions such as Accounts, Human Resources, Marketing, Purchasing, and others. This generic background allows the students to bring their academic level up to scratch, while acquiring enough knowledge about the different business areas to be able to progress onto further studies.

Dan il-programm huwa mmirat lejn it-tnejjija ta' studenti biex ikompli l-istudji tagħhom f'oqsma differenti tan-negozju. Huwa kors preparatorju biex wieħed ikompli l-istudji tiegħu fl-MCAST sal-Livell 4 tal-MQF. Il-kors għandu l-għan li jgħin lill-istudenti jtejbu l-ħiliet tagħhom fl-oqsma tal-kitba u t-taħdit bl-Ingliż u bil-Malti, kif ukoll il-ħiliet tagħhom fil-Matematika u l-IT. Madankollu, il-kors jidhol ukoll f'ħafna aktar dettall, filwaqt li jibda mill-kunċetti verament bażiċi ta' oqsma u funzjonijiet differenti tan-negozju bħall-Accounts, ir-Riżorsi Umani, il-Marketing, ix-Xiri u oħrajn. Dan l-isfond ġeneriku jippermetti lill-istudenti jtejbu l-livell akkademiku tagħhom sa standard aċċettabbli, filwaqt li jiksibu biżżejjed għarfien dwar l-oqsma differenti tan-negozju sabiex ikunu jistgħu jkomplu jistudjaw f'livell aktar avvanzat.

## Entry Requirements

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MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes  
Applicants with a good working knowledge of the English Language will better benefit from a positive learning experience throughout the course.

## Course Duration

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1 Year Full-time

## Mode

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May include the possibility of Work-Based Learning

## MQF Level

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3

## Credits

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60 ECTS

## Career Opportunities

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Clerical assistant • Shop cashier

# Advanced Diploma in Business and Administration

This programme will allow learners to study the different areas of business and office administration. It is aimed either at students who aspire to one day open up their own business or follow in their family business, or else to work in the administration of a company at a junior level. This generic course offers a good basis into the main areas of business administration including office administration, accounts, IT application skills, logistics and operations management, project management, marketing, recruitment, and business law among others. The course, which is assessed through a variety of scenario related assessments, also sees learners go out on Apprenticeship where a holistic hands-on and practical approach is adopted.

Dan il-programm jippermetti lill-istudenti jistudjaw l-oqsma differenti dwar in-negozju u l-amministrazzjoni tal-uffiċċju. Il-kors huwa mmirat lejn studenti li jaspiraw li xi darba jifitħu n-negozju tagħhom jew ikomplu jmexxu n-negozju tal-familja tagħhom, jew inkella biex jaħdmu fl-amministrazzjoni ta' kumpanija mhux f'livell għoli. Dan il-kors generiku joffri bażi tajba fl-oqsma ewlenin tal-amministrazzjoni tan-negozju inklużi l-amministrazzjoni tal-uffiċċju, l-accounts, IT, il-marketing, ir-reklutaġġ, il-logistika u l-gestjoni tal-operat, l-immaniġġjar tal-proġetti u l-liġi tal-kummerċ fost oħrajn. Il-kors, li huwa vvalutat permezz ta' varjetà ta' valutazzjonijiet relatati max xenarju, jipprovdi wkoll Apprentidat għall-istudenti biex hekk jiksbu esperjenza Prattika.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Applicants with a good working knowledge of the English Language will better benefit from a positive learning experience throughout the course.

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Clerk · Administrative assistant · Human resource assistant · Marketing Assistant · Front office coordinator · Purchasing officer · Field research officer · Supply chain / logistics officer

# Advanced Diploma in Finance and Insurance

This course is aimed at people who would like to venture in one of the many careers related to financial services. The first year of studies introduces learners to generic areas of financial services including the world of insurance. In the second year of studies, learners will then choose an area of specialisation. Specialisation can be either in financial services or else in insurance. This approach ensures that any learner following this course is exposed to different areas of the financial services world, thus giving them better flexibility in career prospects. Learners choosing the main area of expertise will be very strong in the specific area chosen, while having a good understanding of the other area.

Dan il-kors huwa mmirat għal studenti prospettivi li qegħdin jaspiraw għal karriera fid-dinja tas-Servizzi Finanzjarji. L-ewwel sena tal-kors hija maħsuba biex tintroduci lill-istudenti għas-setturi differenti tal-industrija tasservizzi finanzjarji, inkluż l-assigurazzjoni. Fit-tieni sena tal-kors, l-istudenti jagħżlu li jispeċjalizzaw jew fil-qasam tas-servizzi finanzjarji u bankarji jew inkella fl-istudji tal-assigurazzjoni. B'dan il-mod, fl-ewwel sena l-istudenti jieħdu bażi soda tal-aspetti u l-oqsma kollha tas-servizzi finanzjarji u għaldaqstant ikollhom aktar flessibbiltà mil-lat ta' impjegji. Permezz tal-għażla ta' speċjalizzazzjoni fit-tieni sena, l-istudenti jieħdu għarfien aktar fil-fond fis-settur tal-għażla tagħhom filwaqt li jkollhom għarfien adegwat fis-setturi l-oħra.

## Entry Requirements

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Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and  
Mathematics

## Course Duration

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2 Years Full-time

## MQF Level

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4

## Mode

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Apprenticeship

## Credits

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120 ECTS

## Career Opportunities

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Within the insurance industry:  
Account handler · Claims handler · Insurance  
claims surveyor · Insurance clerk

Within the financial services industry:  
Bank cashier · Clerical and other Officer roles  
within banks and other financial services  
institutions

# Advanced Diploma in Accounting

This programme aims to give learners a very good grounding in the studying of Accounts. Study areas range from aspects of financial management accounting to the use of accounting software and more generic areas of key skills. The course includes hands-on experience through Apprenticeship where students will learn by doing and gain experience first-hand on the application of the theory. Students who finish the course will have sufficient accounting knowledge and skills to commence employment in an accountancy field, or to enable them to further their studies to obtain qualifications from recognised chartered accountancy bodies.

Dan il-programm għandu l-għan li jipprovdi lill-istudenti bażi tajba ħafna fl-istudju tal-Accounts. L-oqsma tal-istudju jvarjaw minn aspetti ta' financial management accounting għall-użu ta' software li huwa speċifiku għall-accounting u oqsma ta' ħiliet ewlenin aktar ġeneriċi. Il-kors jinkludi esperjenza prattika bis-saħħa ta' Apprendistat li matulu l-istudenti jittgħallmu billi jagħmlu b'idejhom u jakkwistaw esperjenza prattika fl-applikazzjoni tat-teorija. Studenti li jtemmu l-kors ikollhom biżżejjed għarfien u ħiliet biex jaqdbu jaħdmu fil-qasam tal-accountancy, jew biex ikomplu jistudjaw biex jiksbu kwalifiki minn korpi rikonoxxuti ta' chartered accountancy.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC O' Level Passes  
Compulsory English Language and Mathematics

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Accounts clerk · Accounts administrator · Audit assistant · Credit management officer

# Advanced Diploma in Marketing

This programme is aimed at giving learners the knowledge and knowhow of the main areas related marketing. Learner will address areas of Digital Marketing, Sales, Advertising, Public Relations and Customer Care, amongst others in some detail. The insight in these different areas provides the student with the ability to work in different areas of marketing. The learner will also have the opportunity to apply the theory learned in class in practice through the Apprenticeship placement.

Dan il-programm għandu l-għan li jipprovdi lill-istudenti l-għarfien u l-kompetenza fir-rigward tal-aspetti ewlenin relatati mal-marketing. L-istudenti se jidhru f'ċertu dettall fl-oqsma tal-Marketing Diġitali, il-Bejgħ, ir-Reklamar, ir-Relazzjonijiet Pubbliċi u l-Assistenza tal-Klijenti, fost oħrajn. L-għarfien f'dawn l-oqsma differenti jwassal biex l-istudent ikun kapaċi jaħdem f'oqsma differenti tal-marketing. L-istudent ikollu wkoll l-opportunità li, waqt l-Apprendistat, japplika t-teorija li jkun tgħallem fil-klassi.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language

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## Other Entry Requirements

Applicants with basic IT skills and knowledge of basic office applications will better benefit from a positive learning experience throughout the course.

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## Course Duration

2 Years Full-time

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## Mode

Apprenticeship

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## MQF Level

4

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## Credits

120 ECTS

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## Career Opportunities

Brand/sales executive · Customer care coordinator · Digital marketing assistant/executive · Media officer · Social media coordinator · Public relations officer · Sales representative · Selling and sales coordinator · Project Manager Assistant

# Bachelor of Arts (Honours) in Business Enterprise

This degree provides specialist content which is constantly applied to real life business and management scenarios. Learners will be prepared to become proficient in a number of areas as the course allows the students to develop appropriate analytical, critical and research skills in a range of business related areas ranging from Human Resources to Operations Management, and from Purchasing to Project Management and Marketing Management. These are only some of the areas that students will cover during their studies. This 360 degree approach gives the learners maximum flexibility in the workplace as graduates will be able to deal with a wide range of responsibilities.

Dan il-baċcellerat jipprovdi lill-istudenti kontenut speċjalizzat li huwa applikat b'mod kostanti f'xenarji tan-negozju u tal-manigment fil-ħajja reali. L-istudenti jithejjew biex isiru profiċjenti f'għadd ta' oqsma, billi l-kors jippermetti lill-istudenti jiżviluppaw ħiliet analitiċi, kritiċi u ta' riċerka f'firxa ta' oqsma relatati man-negozju, li jvarjaw mir-Riżorsi Umani sal-ġestjoni tal-Operati, u mix-Xiri sal-Immaniġġjar ta' Proġetti u l-Immaniġġjar tal-Marketing. Dawn huma biss xi wħud mill-oqsma li l-istudenti se jkopru waqt l-istudji tagħhom. Dan l-approċċ komprensiv jagħti lill-istudenti flessibbiltà massima fuq il-post tax-xogħol, billi l-gradwati jkunu jistgħu jidhlu għal firxa wiesgħa ta' responsabbiltajiet.

## Entry Requirements

MCAST Advanced Diploma in Marketing  
or  
MCAST Advanced Diploma in Administrative and Secretarial Studies  
or  
MCAST Advanced Diploma in Finance and Insurance  
or  
MCAST Advanced Diploma in Financial Services  
or  
MCAST Advanced Diploma in Insurance  
or  
MCAST Advanced Diploma in Business Administration  
or  
MCAST Advanced Diploma in Aviation Operations  
or  
MCAST Advanced Diploma in Transportation and Logistics Management  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Accounts or Marketing or Economics

## Course Duration

3 Years Full-time

## Mode

Includes Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Business development manager · Human resources manager · Operations manager · Project manager · Research manager · Business analyst

# Bachelor of Arts (Honours) in Procurement and Finance

This three-year bachelor degree intends to provide learners with a strong basis of procurement processes and supporting aspects. By applying theory to both public procurement procedures as well as those adopted within the private sector, this degree will expose learners to the various aspects of procurement management. This is coupled with a detailed understanding of the finance function, which in itself provides the students with the capability to carry out work more effectively. Management studies are also incorporated in the programme of studies, in a way as to provide the students with a launch pad into the heart of effective operations coordination in this dynamic area.

Dan il-kors ta' tliet snin li jwassal għal baċcellerat huwa maħsub biex jipprovdi lill-istudenti bażi b'saħħhitha dwar il-proċessi ta' akkwist u aspetti relatati. Filwaqt li tiġi applikata t-teorija kemm għall-proċeduri ta' akkwist pubbliku, kif ukoll għal dawk adottati fis-settur privat, din id-degree tesponi lill-istudenti għad-diversi aspetti tal-immaniġġjar tal-akkwist. Dan isir flimkien ma' fehim dettaljat tal-funzjoni tal-finanzi, li fiha nnifisha twassal lill-istudenti sabiex ikunu kapaċi jwettqu x-xogħol b'mod aktar effettiv. L-istudji tal-manigment huma inkorporati wkoll fil-programm ta' studji, b'tali mod li jipprovdu lill-istudenti b'mezz biex jidhlu direttament fil-qalba tal-koordinazzjoni effettiva tal-operat f'dan il-qasam dinamiku.

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## Entry Requirements

MCAST Advanced Diploma in Business Administration  
or  
MCAST Advanced Diploma in Accounting  
or  
MCAST Advanced Diploma in Finance and Insurance  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Accounts or Marketing or Economics

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## Course Duration

3 Years Full-time

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## Mode

Includes Internship

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## Career Opportunities

Procurement manager · Supply chain manager  
· Logistics manager · Purchasing and inventory coordinator

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## MQF Level

6

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## Credits

180 ECTS



# Bachelor of Science (Honours) in Financial Services

Targeting one of Malta's strongest economic sectors, this degree in Financial Services offers learners the opportunity to get a detailed insight into the various aspects of financial services, an industry which offers a range of career opportunities ranging from Risk Management to Fund Administration and Wealth Management. Apart from the more technical aspects related to financial services, learners will also gain the required analytical, critical and research skills that are required to work in such a high profile and demanding industry. Learners graduating from this degree find themselves in a very strong position in terms of employment as they are well geared to work in different sectors within this industry.

Filwaqt li għandha fil-mira tagħha wieħed mis-setturi ekonomiċi l-aktar b'saħħithom f'Malta, din id-degree fis-Servizzi Finanzjarji toffri lill-istudenti l-opportunità li jiksbu għarfien dettaljat tad-diversi aspetti tas-servizzi finanzjarji, industrija li toffri firxa ta' opportunitajiet ta' karriera li jvarjaw mill-Ġestjoni tar-Riskju sal-Amministrazzjoni tal-Fondi u l-Immaniġġjar tal-Ġid. Minbarra l-aspetti aktar tekniċi relatati mas-servizzi finanzjarji, l-istudenti jiksbu wkoll il-ħiliet analitiċi, kritiċi u ta' riċerka meħtieġa biex jaħdmu f'industrija ta' profil għoli u eżiġenti bħal din. L-istudenti li jiggradwaw minn dan il-kors isibu ruħhom f'pożizzjoni b'saħħitha ħafna fir-rigward ta' impjeg, billi jkunu kisbu l-ħiliet biex jaħdmu f'setturi differenti f'din l-industrija.

## Entry Requirements

MCAST Advanced Diploma in Finance and Insurance  
or  
MCAST Advanced Diploma in Financial Services  
or  
MCAST Advanced Diploma in Marketing  
or  
MCAST Advanced Diploma in Administrative and Secretarial Studies  
or  
MCAST Advanced Diploma in Insurance  
or  
MCAST Advanced Diploma in Business Administration  
or  
MCAST Advanced Diploma in Aviation Operations  
or  
MCAST Advanced Diploma in Transportation and Logistics Management  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Accounts or Marketing or Economics

## Course Duration

3 Years Full-time

## Mode

Includes Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Banking adviser · Compliance executive · Financial adviser · Financial Analyst · Credit Analyst · Risk management fund administrator · Fund Accountant

# ACCA Qualification

The ACCA Qualification is a world leading accountancy qualification which prepares students to become internationally recognised Chartered Certified Accountants. It is a rewarding and intense course with 13 examinations, three years professional experience and an ethics module. The ACCA Qualification encompasses valuable skills and knowledge which are highly sought after by employers in industry and in the financial sector. The ACCA Qualification is equivalent to degree standard (MQF Level 6) after completing the first nine papers (the Fundamentals level). After passing from the remaining four papers (the Professionals level), it is equivalent to a master's degree (MQF Level 7). Learners incur fees payable to ACCA for membership and examinations, and to MIA (Malta Institute of Accountants) for membership.

L-ACCA hija kwalifika fl-accountancy li hija meqjusa bħala kwalifika ewlenija mad-dinja kollha, u li tipprepara lill-istudenti biex isiru Chartered Certified Accountants rikonoxxuti internazzjonalment. Dan huwa kors intens imma li jagħti ħafna sodisfazzjon, u li jikkonsisti fi 13-il eżami, tliet snin esperjenza professjonali u modulu dedikat għall-etika. Il-kwalifika tal-ACCA tiġbor fiha ħiliet ta' siwi kbir u għarfien li huma mfittxija ferm minn min iħaddem fl-industrija u fis-settur finanzjarju. Kandidat li jgħaddi mill-ewwel disa' eżamijiet (il-livell Fundamentali) ikun kiseb kwalifika li hija ekwivalenti għal baċcellerat (Livell 6 tal-QMK). Meta jgħaddi mill-erba' eżamijiet li jifdal (il-Livell Professjonali), huwa jitqies li jkollu kwalifika ekwivalenti għal master (Livell 7 tal-QMK). L-istudenti jkunu meħtieġa jħallsu l-miżati għas-sħubija u l-eżamijiet lill-ACCA, u l-miżata tas-sħubija lill-MIA (l-Istitut Malti tal-Accountants).

## Entry Requirements

MCAST Advanced Diploma in Accounting  
or  
MCAST Advanced Diploma in Administrative and Secretarial Studies  
or  
MCAST Advanced Diploma in Business Administration  
or  
MCAST Advanced Diploma in Finance and Insurance  
or  
MCAST Advanced Diploma in Financial Services  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Levels or I-Level or O-Level:  
Mathematics and English Language  
Preferred A-Level or SEC/O-Level: Economics, Accounts

## Course Duration

4 Years Full-time

## Mode

May include the possibility of Work-Based Learning

## Career Opportunities

Accountant · Financial controller · Financial analyst · Business analyst · Corporate finance specialist · Project finance accountant

## Other Entry Requirements

Admission to the course is conditional to the student's acceptance by the Association of Chartered Certified Accountants (ACCA) as an ACCA student.

## MQF Level

6/7

## Credits

202 ECTS

In Malta, the ACCA qualification is run as a joint scheme between ACCA and the Malta Institute of Accountants. More information on the ACCA qualification and relevant topics such as examination progression rules, study materials, PER, minimum entry, exemptions, study guides, past examination papers and the ethics module can be obtained from:

ACCA Connect  
110 Queen Street  
Glasgow G1 3BX  
United Kingdom  
T: +44 (0)141 582 2000  
E: [info@accaglobal.com](mailto:info@accaglobal.com)  
ACCA website: [www.accaglobal.com/gb/en/student.html](http://www.accaglobal.com/gb/en/student.html)

Malta Institute of Accountants  
Suite 4, Level 1, Tower Business Centre,  
Tower Street, Swatar, BKR 4013, Malta.  
T: +356 2258 1900  
E: [info@miamalta.org](mailto:info@miamalta.org)  
MIA website: [www.miamalta.org](http://www.miamalta.org)





MCA



# MBA

The MBA is a part-time degree that provides theoretical knowledge in business management. It provides the fundamentals that one needs in order to understand the business organisation and helps the individual identify ways of innovation possibilities and growth potentials within a strategic business unit (SBU). The final aim is to develop own managerial skills within an organisation, be it Public or Private. This degree emphasizes on project planning, organisational behaviours, strategic management, and analytic skills needed within an organisation amongst others. This programme comprises 10 modules and a final Masters Dissertation, and has three sequential exit points relating to 30, 60 and 90 ECTS accumulated totals entitling the student to a Post-Graduate Certificate, Post-Graduate Diploma and finally a Master in Business Administration.

**FEES:** Fees apply – Further information through MG2i (MCAST Gateway to Industry)

Il-kors MBA huwa programm part-time li jipprovdi għarfien teoretiku fil-ġestjoni tan-negozju. Dan il-kors jipprovdi l-prinċipji fundamentali li wieħed jeħtieġ sabiex jifhem l-organizzazzjoni tan-negozju u jgħin lill-individwu jidentifika possibbiltajiet ta' innovazzjoni u potenzjali ta' tkabbir fi ħdan l-unità ta' negozju strateġika (SBU). L-għan aħħari hu li jiġu żviluppanti l-ħiliet maniġerjali fi ħdan organizzazzjoni, kemm jekk tkun Pubblika jew Privata. Dan il-programm jiffoka fuq l-ippjanar tal-proġetti, l-imġieba organizzattiva, il-ġestjoni strateġika u l-ħiliet analitiċi meħtieġa fi ħdan organizzazzjoni. Dan il-programm jinkludi 10 moduli u proġett tar-riċerka li jsir fi tmiem il-kors tal-Masters, u għandu tliet punti ta' ħruġ relatati man-numru ta' ECTS miksuba - 30, 60 u 90 ECTS li jintitolaw lill-istudent għal Post Graduate Certificate, Postgraduate Diploma u finalment Master in Business Administration.

**MIŻATI:** Japplikaw ħlasijiet – Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

### Entry Requirements

An MQF Level 6 qualification with a minimum of 180 ECTS, awarded by a recognised institution

### Other Entry Requirements

MQF Level 5 qualification and adequate professional experience are also considered.

### Course Duration

FT 3 Semesters/ 18 months

PT 6 Semesters

### Mode

Blended

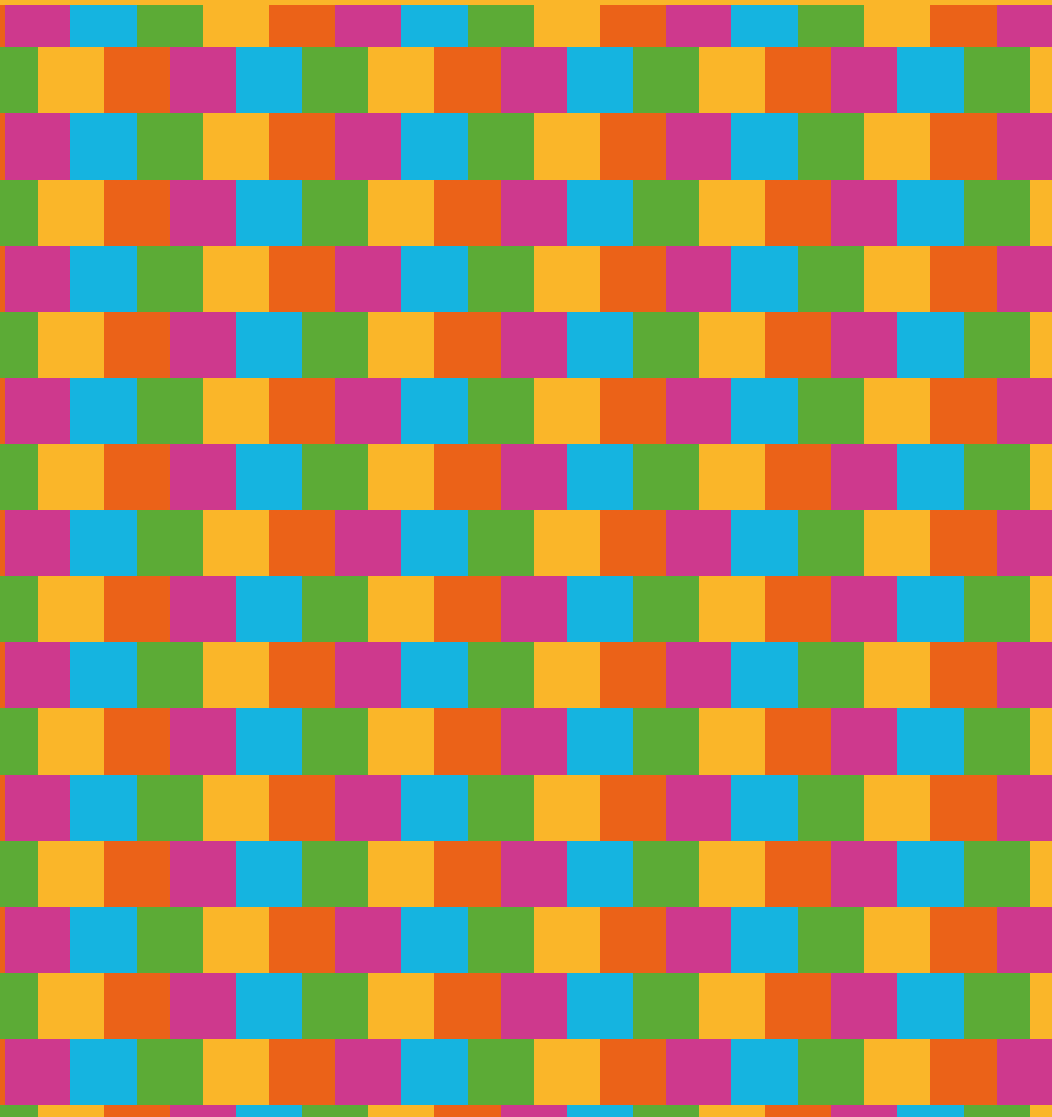
### MQF Level

7


### Credits

90 ECTS

# COMMUNITY SERVICES







“My gratitude towards the educators who supported me is boundless. Their mentorship, hands-on learning experiences, and profound knowledge within the field of education have been instrumental in my growth.”

Matilde Farrugia, Early Childhood Education Graduate







# Introductory Certificate in Community Care Services

This programme of studies is an ideal start to a career in Social Care or Early Years for those learners who have just finished their compulsory education with minimum certification. This one-year full-time programme does not qualify the learner to work in the sector. However, the vocational and key skills modules which make up the course specifications will help the learner to progress to higher levels of study. The course includes both practical and theoretical lectures which cover the basics of social care including basic nutrition, interpersonal communication with different service-users, integrity, dignity, and anti-discrimination.

Dan il-programm ta' studju huwa l-bidu ideali għal karriera fil-Kura Soċjali u s-Snin Bikrini għal dawk l-istudenti li jkunu għadhom kemm temmew l-edukazzjoni obbligatorja tagħhom bi ftit jew xejn ċertifikati. Dan il-programm full-time ta' sena ma jagħtix lill-istudent biżżejjed kwalifiki biex jaħdem fis-settur. Madankollu, l-unitajiet vokazzjonali u tal-ħiliet ewlenin li jiffurmaw l-ispeċifikazzjoni tal-kors iwasslu lill-istudent biex jadvanza bil-mod għal livelli ogħla ta' studju. Il-kors jinkludi lezzjonijiet prattiċi kif ukoll ta' teorija li jkopru l-elementi bażiċi tas-saħħa u l-kura soċjali, inkluzi n-nutrizzjoni bażika, komunikazzjoni ma' dawk li jużaw is-servizzi, li tkun tirrifletti r-rispett, l-integrità, id-dinjità u n-nuqqas ta' diskriminazzjoni.

## Entry Requirements

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Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

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1 Year Full-time

## MQF Level

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1

## Credits

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40 ECTS

## Introductory Certificate in Hairdressing

This programme of studies introduces the learner to hairdressing modules. This programme will cover the different types of equipment and products typically found in hairdressing salons, customer care services, communication skills, professional attitudes, window-dressing, personal appearance and care. The study units incorporate basic theoretical aspects of hairdressing as well as practical sessions. Learners are also given the opportunity to strengthen their key skills subjects which are delivered in a way that helps render the vocational units more relevant to the learners. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm ta' studju jintroduċi lill-istudenti għal modules fil-hairdressing. Il-kors ikopri t-tipi differenti ta' tagħmir u prodotti li normalment insibu f'salons tal-hairdressing, is-servizzi tal-kura tal-klijenti, il-ħiliet ta' komunikazzjoni, l-attitudnijiet personali, l-arrangament tal-vevtrini tas-salon, id-dehra u l-iġjene personali. L-unitajiet ta' studju jinkorporaw aspetti teoretiċi tal-hairdressing, kif ukoll sessjonijiet prattiċi. L-istudenti jingħataw ukoll l-opportunità li jsaħħu l-ħiliet ewlenin tagħhom li huma mogħtija b'mod li jgħin biex l-unitajiet vokazzjonali jsiru aktar rilevanti għall-istudenti. L-istudenti huma mitluba jixtru l-aċċessorji meħtieġa tax-xagħar u tas-sbuħija fil-bidu tas-sena akkademika.

### Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

### Course Duration

1 Year Full-time

### MQF Level

1

### Credits

40 ECTS

# Foundation Certificate in Community Care Services

This programme of studies is aimed at those individuals who wish to embark on a future career in the Social Care or Early Years sector. During the year the learners will have a variety of lectures which will give them an understanding of basic concepts related to these sectors. Lectures will focus on human behaviour and development and what constitutes a safe working environment. Learners will also be given the opportunity to strengthen their key skills and become acquainted with organisations in the sector.

Dan il-programm ta' studju huwa mmirat lejn dawk l-individwi li fil-futur jixtiequ jibdeu karriera fis-settur tal-Kura Soċjali u s-Snin Bikrin. Matul is-sena, l-istudenti jkollhom varjetà ta' lezzjonijiet li jwassluhom jifhmu l-kunċetti bażiċi relatati ma' dan is-settur. Il-lezzjonijiet jiffokaw fuq l-imġiba tal-bniedem, il-mod kif jaħdem il-ġisem u x'inhu dak li jagħmel ambjent tax-xogħol sikur. L-istudenti jingħataw ukoll l-opportunità li jsaħħu, mill-perspettiva vokazzjonali, is-suġġetti tal-ħiliet ewlenin tagħhom, inklużi l-Malti, l-Ingliż, il-Matematika u x-Xjenza. L-istudenti jkollhom l-opportunità li jżuru organizzazzjonijiet relatati ma' dan is-settur sabiex isiru familjari mal-ambjent.

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## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

2

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## Credits

60 ECTS

# Foundation Certificate in Hairdressing, Beauty and Wellbeing

This programme provides an overview of hair and beauty practices in preparation for a career in the industry. The modules on offer provide learners with basic knowledge in health and safety practices used in hairdressing and beauty salons. Other modules focus on an understanding of the basic scientific concepts related to all hair and beauty services and treatments, while introducing the learners to basic business concepts. The course also provides learners with real-life scenarios which will enable them to progress to further studies in hairdressing and beauty programmes. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm jipprovdi ħarsa ġenerali lejn is-settur tax-xagħar u tas-sbuħija bi tnejnija għall-karriera fl-industrija. Il-moduli jipprovdu għarfien bażiku fil-prattiki tas-saħħa u s-sigurtà f'dan il-qasam. Moduli oħra jiffokaw il-kunċetti xjentifiċi bażiċi relatati mas-servizzi u t-trattamenti kollha tax-xagħar u tas-sbuħija, filwaqt li jintroduċu lill-istudenti għall-kunċetti bażiċi tan-negozju. Il-kors jipprovdi taġġim Prattiku dwar sitwazzjonijiet reali li jippermettu li l-istudenti jimxu għal studju aktar avanzat f'dan il-qasam. L-istudenti huma mitluba li jixtru l-aċċessorji tax-xagħar u tas-sbuħija fil-bidu tas-sena akkademika.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 Credit

## Foundation Certificate in Sport

This programme of studies is the first step for those who want to become professionals within the sports industry. This course provides a comprehensive overview of practical units and the complementing theoretical foundations within sports and fitness related fields. The vocational study units cover the basics of health and active lifestyles, community sports and fitness training methods, and include an introduction to gym-based exercise. Concurrently, learners strengthen their knowledge of key skills.

Dan il-programm ta' studju jservi bħala pass lejn karriera futura ta' xogħol fis-settur tal-isport. L-istudent jesperjenza l-komponenti prattiċi li jikkumplimentaw daww bażiċi fuq għadd ta' suġġetti relatati mal-isport u ma' kundizzjoni fiżika tajba. L-unitajiet ta' studju vokazzjonali jkopru l-elementi bażiċi ta' saħħa tajba u stili ta' ħajja attiva, l-isport fil-komunità u metodi ta' taħriġ għal kundizzjoni fiżika tajba, u jinkludu introduzzjoni għall-eżerċizzju bbażat fil-gym. Fl-istess ħin, l-istudenti jsaħħu l-għarfien tagħhom tal-ħiliet ewlenin.

### Entry Requirements

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MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

### Course Duration

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1 Year Full-time

### MQF Level

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2

### Credits

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60 ECTS

### Other Entry Requirements

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Medical clearance is required.

# ALP+ Extended Diploma in Sport

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to sport. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the sport sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This course has practical sessions included in the course but further emphasis is given to theoretical knowledge. The course covers the basics of Anatomy and Physiology in Sport, Fitness Testing, Fitness Instruction, Fundamental Methodology of Physical Activity and Sport, as well as the theory and practice of the mainstream sports. The syllabus incorporates a work-based learning component thus facilitating the transition into employment for those learners who do not wish to further their studies. By the end of the course, the learner will be able to assist a Fitness Instructor in the preparation and delivery of basic fitness training programmes. The learner will be encouraged to take part in various sports-related events that are organised on campus.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-isport. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-isport. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispjiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wiehed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-kors għandu sessjonijiet prattiċi inklużi fil-kors iżda tingħata aktar enfasi lill-għarfien teoretiku. Il-kors ikopri l-bażi tal-Anatomija u l-Fizjoloġija fl-Isport, l-Ittestjar tal-Fitness, l-Istruzzjoni tal-Fitness, il-Metodoloġija Fundamentali tal-Attività Fizika u l-Isport, kif ukoll it-teorija u l-prattika tal isports prinċipali. Is-sillabu jinkorpora komponent ta' tagħlim ibbażat fuq ix-xogħol biex b'hekk jiffaċilita t-tranzizzjoni lejn l-impjeg għal dawk l-istudenti li ma jixtiequx ikomplu l-istudji tagħhom. Sal-aħħar tal-kors, l-istudent ikun kapaċi jassisti lill-Challiem tal-Fitness iħejji u jgħallem programmi bażiċi ta' taħriġ għal kundizzjoni fizika tajba. L-istudent jiġi mhegġeg jiehu sehem f'diversi avvenimenti relatati mal-isport li huma organizzati fil-kampus minn żmien għal żmien.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Social Care

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to social care. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the social care sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

Prospective candidates who enrol in this course should have an interest in working with adolescents in supported accommodation, elderly persons and persons with disabilities. Lectures include a number of varied topics such as effective communication, creativity, human development, safe practices, rights and dignity for different service users and delivering personal care. The programme offers an opportunity for learners to carry out work-based learning in two different host organisations in the sector. Here they will be expected to carry out a range of assigned tasks under supervision.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-kura soċjali. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-kura soċjali. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Il-kandidati prospettivi li jirreġistraw għal dan il-kors għandhom ikollhom interess li jaħdmu ma' adolexxenti fil-komunità, persuni anzjani u persuni b'diżabilità. Il-lezzjonijiet jinkludu għadd ta' suġġetti varjati bħal komunikazzjoni, il-kreattività, l-iżvilupp uman, prattiċi ta' sigurtà, id-dinjità u d-drittijiet tal-individwi u kura personali. Barra minn hekk, dan il-programm ta' studju joffri opportunità biex l-istudenti jirċievu tagħlim ibbażat fil-post tax-xogħol, f'żewġ organizzazzjonijiet ospitanti differenti li jiffurmaw parti mis-settur. Hawnhekk ikunu mistennija jwettqu, taft superviżjoni, ix xogħol li huma jiġu assenjati.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



# ALP+ Extended Diploma in Beauty Specialists

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to beauty and complementary therapies. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the beauty sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of studies offers learners the possibility to seek employment in salons as Beauty Specialists. Alternatively, learners who complete successfully this full-time course may wish to consider furthering their studies by progressing to the Level 4 Advanced Diploma programme in Beauty and Complementary Therapies. Learners are taught how to develop and carry out individual treatment plans based on the specific requirements of each client. The programme of studies offers instruction on several treatments that include skin care, manicure and pedicure, depilation, nails, make-up services, eyebrow and eyelash treatments. Other modules relate to health and safety practices in the salon and business aspects including business plans, effective communication skills and proper conduct with clients. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji taġħhom fil-Programm ta' Taġħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-taġħlim vokazzjonali fil-Livell 3 tal-MQF, relatat fis-sbuħija u terapiji kumplimentari. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tas-sbuħija. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji taġħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-programm ta' studji joffri lill-istudenti l-possibbiltà li jfittxu impjeg fis-salons bħala Speċjalisti tas-Sbuħija. Apparti dan, l-istudenti li jtemmu b'suċċess dan il-kors full-time ta' sena jistgħu jkomplu bl-istudji taġħhom billi jimxu lejn il-programm tad-Diploma Avanzata fil-Livell 4 fis-Sbuħija u Terapiji Kumplimentari. L-istudenti jġu mgħallma kif jiżviluppaw u jwettqu pjanijiet ta' trattament individwali bbażati fuq ir-rekwiżiti speċifiċi ta' kull kljent. Il-programm ta' studji joffri struzzjoni dwar diversi trattamenti li jinkludu kura tal-ġilda, manikjur u pedikjur, depilazzjoni, dwiefer, servizzi ta' make-up, trattamenti ta' xagħar u xagħar. Moduli oħra għandhom x'jaqsmu ma' Prattiki ta' saħħa u sigurtà fis-salon u aspetti tan-negozju inklużi pjanijiet ta' negozju, ħiliet ta' komunikazzjoni effettiva u kondotta xierqa mal-kljenti. L-istudenti huma mitluba jixtru l-aċċessorji meħtieġa tax xagħar u tas-sbuħija fil-bidu tas-sena akkademika.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Foundation Studies for Security, Enforcement and Protection

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to the Disciplined Forces. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the security, enforcement and protection sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of studies is gaining a lot of popularity with learners who intend to seek future employment within the Disciplined Forces. Lecturers will discuss current and contemporary issues relating to security, enforcement and protection both in Malta and beyond our shores. Learners will also tackle topics related to equality, diversity, dignity and rights of individuals. Educational visits will be organised to different departments which form part of the Academy: the Civil Protection Department, the Police Force, the Armed Forces of Malta and the Law Courts.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-Forzi Dixxiplinati. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku mas-sikurezza, l-infurzar u l-protezzjoni. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiciċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wiehed mill-bosta korsijiet tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-programm ta' studju qed jikseb ħafna popolarità mal-istudenti li għandhom l-intenzjoni li fil-futur isibu impjeg mal-Forzi Dixxiplinati. L-istudenti jiddiskutu kwistjonijiet kurrenti u kontemporanji relatati mas-sikurezza, l-infurzar u l-protezzjoni, kemm f'Malta kif ukoll lil hinn minn xtutna. L-istudenti jittrattaw ukoll suġġetti relatati mal-ugwaljanza, id-diversità, id-dinjità u d-drittijiet tal-individwi. Jiġu organizzati zjarat edukattivi f'dipartimenti differenti li jiffurmaw parti mill-Akkademja: id-Dipartiment tal-Protezzjoni Ċivili, il-Pulizija, il-Forzi Armati ta' Malta u l-Qrati.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Hairdressing - Women

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to hairdressing. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the hairdressing sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme of studies leads to a career in the hairdressing industry. This course allows learners to acquire skills which are relevant to succeed and be competitive in the hairdressing industry. Alternatively, learners may wish to consider furthering their studies by progressing to the Level 4 Advanced Diploma programme in Hairdressing. Learners cover a variety of study units such as client consultation, hair cutting and styling for different occasions, hair colouring, perming and straightening. This includes experience within the inhouse salon at the Institute of Community Services as well as placements in industry as part of the Apprenticeship scheme. Other modules relate to health and safety practices in the salon and science of hairdressing. Learners will also further their skills and competencies. Learners are required to purchase the necessary hairdressing accessories at the beginning of the academic year.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-hairdressing. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku mas-settur tal-hairdressing. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-programm ta' studji jwassal għal karriera fl-industrija tal-hairdressing. Dan il-kors jippermetti lill-istudenti jiksbu ħiliet li huma rilevanti biex jirnexxu u jkunu kompetittivi fl-industrija tal-parrukkiera. Inkella, l-istudenti jistgħu jikkunsidraw li jkomplu bl-istudji tagħhom billi jkomplu il-programm ta' Livell 4 Diploma in Hairdressing. L-istudenti jkopru varjetà ta' unitajiet ta' studju bħal konsultazzjoni mal-klijenti, qtugħ tax-xagħar u grafika għal-okkażjonijiet differenti, kulur tax-xagħar, perming u drittar. Dan jinkludi esperjenza fis-salon fl-Istitut tas-Servizzi tal-Komunità kif ukoll placement fl-industrija bħala parti mill-iskema tal-Apprendistat. L-istudenti se jsaħħu wkoll il-ħiliet u l-kompetenzi tagħhom. Moduli oħra għandhom x'jaqsmu mal-prattika tas-saħħa u s-sigurtà fis-salon u x-xjenza tal-hairdressing. L-istudenti huma meħtieġa jixtru l-aċċessorji meħtieġa għall-parrukkiera fil-bidu tas-sena akkademika.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# Diploma in Social Care

Prospective candidates who enrol in this course should have an interest in working with adolescents in supported accommodation, elderly persons and persons with disabilities. Lectures include a number of varied topics such as effective communication, creativity, human development, safe practices, rights and dignity for different service users and delivering personal care. The programme offers an opportunity for learners to carry out work-based learning in two different host organisations in the sector. Here they will be expected to carry out a range of assigned tasks under supervision. In the case of learners who do not wish to further their studies, this one-year programme provides a suitable exit point to seek employment as a care worker.

Il-kandidati prospettivi li jirreġistraw għal dan il-kors full-time għandhom ikollhom interess li jaħdmu ma' persuni anzjani u persuni b'diżabilità. Il-lezzjonijiet jinkludu għadd ta' suġġetti varjati bħal komunikazzjoni, il-kreattività, l-iżvilupp uman, prattici ta' sigurtà id-dinjità u d-drittijiet tal-individwi u kura personali. Barra minn hekk, dan il-programm ta' studju joffri opportunità biex l-istudenti jirċievu taġħlim ibbażat fil-post tax-xogħol, f'żewġ organizzazzjonijiet ospitanti differenti li jiffurmaw parti mis-settur. Hawnhekk ikunu mistennija jwettqu, taħt superviżjoni, ix xogħol li huma jiġu assenjati. Fil-każ ta' studenti li ma jixtiequ ikomplu l-istudji taġħhom, dan il-programm ta' sena jipprovdi punt ta' f'ruġ xieraq biex wieħed isib impjieg bħala haddiem ta' appoġġ.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean Police Conduct Certificate

## Course Duration

1 Year Full-time

## Mode

Includes Work Placement

## Career Opportunities

Care worker · Care assistant · Support care worker

## MQF Level

3

## Credits

60 ECTS

## Diploma for Beauty Specialists

This programme of studies offers learners the possibility to seek employment in salons as Beauty Specialists. Alternatively, learners who complete successfully this one-year full-time course may wish to consider furthering their studies by progressing to the Level 4 Advanced Diploma programme in Beauty and Complementary Therapies. Learners are taught how to develop and carry out individual treatment plans based on the specific requirements of each client. The programme of studies offers instruction on several treatments that include skin care, manicure and pedicure, depilation, nails, make-up services, eyebrow and eyelash treatments. Other modules relate to health and safety practices in the salon and business aspects including business plans, effective communication skills and proper conduct with clients. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm ta' studji joffri lill-istudenti l-possibbiltà li jfittxu impjeg fis-salons bħala Speċjalisti tas-Sbuħija. Apparti dan, l-istudenti li jtemmu b'suċċess dan il-kors full-time ta' sena jistgħu jkomplu bl-istudji tagħhom billi jimxu lejn il-programm tad-Diploma Avanzata fil-Livell 4 fis-Sbuħija u Terapiji Kumplimentari. L-istudenti jiġu mgħallma kif jiżviluppaw u jwettqu pjanijiet ta' trattamenti individwali bbażati fuq ir-rekwiżiti speċifiċi ta' kull klijent. Il-programm ta' studji joffri struzzjoni dwar diversi trattamenti li jinkludu kura tal-ġilda, manikjur u pedikjur, depilazzjoni, dwiefer, servizzi ta' make-up, u trattamenti għall-ħuġġbejn u xagħar ta' xfar il-għajn. Moduli oħra għandhom x'jaqsmu ma' Prattiki ta' saħħa u sigurtà fis-salon u aspetti tan-negozju inklużi pjanijiet ta' negozju, ħiliet ta' komunikazzjoni effettiva u kondotta xierqa mal-klijenti. L-istudenti huma mitluba jixtru l-aċċessorji meħtieġa tax-xagħar u tas-sbuħija fil-bidu tas-sena akkademika.

### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

### Career Opportunities

Beauty specialist

### Course Duration

1 Year Full-time

### Mode

Includes Work  
Placement

### MQF Level

3

### Credits

60 ECTS



# Diploma in Hairdressing

This programme of studies leads to a career in the hairdressing industry. This course allows learners to acquire skills which are relevant to succeed and be competitive in the hairdressing industry. Alternatively, learners may wish to consider furthering their studies by progressing to the Level 4 Advanced Diploma programme in Hairdressing. Learners cover a variety of study units such as client consultation, hair cutting and styling for different occasions, hair colouring, perming and straightening. This includes experience within the inhouse salon at the Institute of Community Services as well as placements in industry as part of the Apprenticeship scheme. Other modules relate to health and safety practices in the salon and science of hairdressing. Learners will also further their skills and competencies. Learners are required to purchase the necessary hairdressing accessories at the beginning of the academic year.

Dan il-programm ta' studji jwassal għal karrera fl-industrija tal-hairdressing. Dan il-kors jippermetti lill-istudenti jiksbu ħiliet li huma rilevanti biex jirnexxu u jkunu kompetittivi fl-industrija tal-parrukkiera. Inkella, l-istudenti jistgħu jikkunsidraw li jkomplu bl-istudji tagħhom billi jkomplu il-programm ta' Livell 4 Diploma in Hairdressing. L-istudenti jkopru varjetà ta' unitajiet ta' studju bħal konsultazzjoni mal-klijenti, qtugħ tax-xagħar u grafika għal-okkażjonijiet differenti, kulur tax-xagħar, perming u drittar. Dan jinkludi esperjenza fis-salon fl-Istitut tas-Servizzi tal-Komunità kif ukoll placement fl-industrija bħala parti mill-iskema tal-Apprendistat. L-istudenti se jsaħħu wkoll il-ħiliet u l-kompetenzi tagħhom. Moduli oħra għandhom x'jaqsmu mal-prattika tas-saħħa u s-sigurtà fis-salon u x-xjenza tal-hairdressing. L-istudenti huma meħtieġa jixtru l-aċċessorji meħtieġa għall-parrukkiera fil-bidu tas-sena akkademika.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Career Opportunities

Assistant hair stylist for women · Sales representative for hair products

## Course Duration

1 Year Full-time

## Mode

Apprenticeship

## MQF Level

3

## Credits

60 ECTS

# Diploma in Early Years

The programme of studies prepares learners with a strong foundation to work in child care settings in the capacity of assisting the childcare educator. The course offers class based learning that provides introductory knowledge required to understand the basic practice of the childcare educator and sets a good foundation for learners wishing to embark on a career in Early Years Education and Care. The course also provides hands on practice to support learners throughout their journey to fully immerse in the required skills to work in childcare.

Il-programm ta' studji jipprepara lill-istudenti biex jaħdmu fil-qasam tal-kura tat-tfal fil-kapaċità li jassistu lill-edukatur tal-kura tat-tfal. Il-kors joffri tagħlim ibbażat fil-klassi li jipprovdi għarfien introduttorju meħtieġ biex tifhem il-prattika bażika tal-edukatur u jkun hemm pedament tajjeb għall-istudenti li jixtiequ jibdeu karriera fl-Edukazzjoni u l-Kura tas-Snin Bikrin. Il-kors jipprovdi wkoll Prattika dwar kif tappoġġja lill-istudenti matul il-vjaġġ tagħhom biex b'hekk jiksbu l-ħiliet meħtieġa biex jaħdmu fil-kura tat-tfal.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Career Opportunities

Assistant Childcare Educator (current national standards require applicant to be 23 years of age)

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## Course Duration

1 Years Full-time

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## Mode

Includes Work  
Placement

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## MQF Level

3

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## Credits

60 ECTS



# Diploma in Sport

This programme of studies builds on the components covered in the Foundation Certificate in Sport and delves further into the topic. This is the course that leads to an MQF 4 Advanced Diploma in Sport (Development, and Fitness). This MQF Level 3, Diploma in Sport has practical sessions included in the course but further emphasis is given to theoretical knowledge. The course covers the basics of Anatomy and Physiology in Sport, Fitness Testing, Fitness Instruction, Fundamental Methodology of Physical Activity and Sport, as well as the theory and practice of the mainstream sports. The syllabus incorporates a work-based learning component thus facilitating the transition into employment for those learners who do not wish to further their studies. By the end of the course, the learner will be able to assist a Fitness Instructor in the preparation and delivery of basic fitness training programmes. The learner will be encouraged to take part in various sports-related events that are organised on campus.

Dan il-programm ta' studji jibni fuq it-tagħlim li jkun sar fiċ-Ċertifikat tal-Fondazzjoni fl-Isport u jidhol aktar fis-suġġett. Dan huwa l-kors li jwassal għal Diploma Avanzata MQF 4 fl-Isport (Żvilupp, u Fitness). Dan l-MQF Livell 3, Diploma fl-Isport għandu sessjonijiet prattiċi inklużi fil-kors iżda tingħata aktar enfasi lill-għarfien teoretiku. Il-kors ikopri l-bażi tal-Anatomija u l-Fizjoloġija fl-Isport, l-Ittestjar tal-Fitness, l-Istruzzjoni tal-Fitness, il-Methodoloġija Fundamentali tal-Attività Fiżika u l-Isport, kif ukoll it-teorija u l-prattika tal-isports prinċipali. Is-sillabu jinkorpora komponent ta' tagħlim ibbażat fuq ix-xogħol biex b'hekk jiffaċilita t-tranzizzjoni lejn l-impjieg għal dawk l-istudenti li ma jixtiequx ikomplu l-istudji tagħhom. Sal-aħħar tal-kors, l-istudent ikun kapaċi jassisti lill-Għalliem tal-Fitness iħejji u jgħalliem programmi bażiċi ta' taħriġ għal kundizzjoni fiżika tajba. L-istudent jiġi mħeġġeġ jieħu sehem f'diversi avvenimenti relatati mal-isport li huma organizzati fil-kampus minn żmien għal żmien.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

1 Year Full-time

## MQF Level

3

## Mode

Includes Work  
Placement

## Credits

60 ECTS

## Other Entry Requirements

Medical clearance is required.

## Career Opportunities

Assistant fitness instructor · Sport fundamentals  
assistant coach

# Extended Diploma in Foundation Studies for Security, Enforcement and Protection

This programme of study is gaining a lot of popularity with learners who intend to seek future employment within the Disciplined Forces. Lecturers will discuss current and contemporary issues relating to security, enforcement and protection both in Malta and beyond our shores. Learners will also tackle topics related to equality, diversity, dignity and rights of individuals. Educational visits will be organised to different departments which form part of the Academy: the Civil Protection Department, the Police Force, the Armed Forces of Malta and the Law Courts. This Extended Diploma course is delivered over two years. However, learners can opt to exit after the successful completion of their first year of studies. In this case, they will be eligible to attain a Level 3 Diploma in Foundation Studies for Security, Enforcement and Protection.

Dan il-programm ta' studju qed jikseb ħafna popolarità mal-istudenti li għandhom l-intenzjoni li fil-futur isibu impjieg mal-Forzi Dixiplinati. L-istudenti jiddiskutu kwistjonijiet kurrenti u kontemporanji relatati mas-sikurezza, l-infurzar u l-protezzjoni, kemm f'Malta kif ukoll lil hinn minn xtutna. L-istudenti jittrattaw ukoll suġġetti relatati mal-ugwaljanza, id-diversità, id-dinjità u d-drittijiet tal-individwi. Jiġu organizzati żjarat edukattivi f'dipartimenti differenti li jiffurmaw parti mill-Akkademja: id-Dipartiment tal-Protezzjoni Ċivili, il-Pulizija, il-Forzi Armati ta' Malta u l-Qrati. Dan il-kors ta' Diploma Estiża jdum sentejn. Madankollu, l-istudenti jistgħu jagħzlu li jitolqu mill-kors wara li jlestu b'suċċess l-ewwel sena tal-istudji tagħhom. F'dan il-każ, ikunu eliġibbli biex jiksibu Diploma in Foundation Studies for Security, Enforcement and Protection tal-Livell 3.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Medical clearance is required.

## Course Duration

2 Years Full-time

## Mode

May include the  
possibility of  
WorkBased Learning

## MQF Level

3

## Credits

90 ECTS

## Career Opportunities

Careers in Disciplined Forces (further training may apply depending on the chosen career path)

## Advanced Diploma in Social Care

This is a two-year full-time programme of studies during which the learner becomes better acquainted with the specialised services offered by different agencies and organisations in the care sector. Lectures deal with delivering personal care, sociological and psychological perspectives in care, legislation, communication skills and health practices. Lecturers will present scenarios which are dynamic and thought-provoking allowing the learners to be prepared to work in challenging environments dealing with vulnerable individuals. A work-based learning component is included in the framework of this programme.

Dan huwa programm full-time ta' sentejn li matulu l-istudenti jsiru aktar familjari mas-servizzi speċjalizzati offruti minn aġenziji u organizzazzjonijiet differenti fis-settur tal-kura. Il-lezzjonijiet jitrattaw il-kura personali, perspettivi soċjoloġiċi u psikoloġiċi, il-leġiżlazzjoni, il-ħiliet tal-komunikazzjoni u l-bijoloġija tal-bniedem. L-għalliema jipprezentaw xenarji li huma dinamiċi u li jġiegħlu lill-istudenti jaħsbu, u l-istudenti jithejjew biex jaħdmu f'ambjenti ta' sfida ma' individwi vulnerabbli. Komponent ta' taġħlim ibbażat fuq ix-xogħol huwa inkluż fil-qafas ta' dan il-programm.

### Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

### Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean Police Conduct Certificate

### Course Duration

2 Years Full-time

### Mode

Includes Work  
Placement

### Career Opportunities

Social support worker

### MQF Level

4

### Credits

120 ECTS



## Advanced Diploma in Beauty and Complementary Therapies

This programme of studies is made up of units intended to equip learners with the knowledge to provide relaxation and stress relief treatments as well as to improve skin conditions. Learners will have the opportunity to perform practical tasks during hands-on sessions within the inhouse salon at the Institute of Community Services. There will also be work placement experiences within established salons and spas as part of the course programme. Study units during the second year of studies include alternative therapies such as reflexology, hot stone therapy and aromatherapy. Upon completion of the full programme the learners will qualify as beauty therapists. Alternatively, learners who complete successfully this two-year full-time course may wish to consider furthering their studies by progressing to a Bachelor in Vocational Education and Training 4.0. which can lead to becoming a teacher in Vocational Education in secondary schools. Learners are required to purchase the necessary beauty accessories at the beginning of the academic year.

Dan il-programm huwa magħmul minn unitajiet maħsuba biex iħejju lill-istudenti bl-għarfien biex jipprovdu trattamenti ta' rilassament u jtaffu mill-istress kif ukoll biex itejbu l-kundizzjonijiet tal-ġilda. L-istudent se jkollhom l-opportunità li jagħmlu l-prattika fis-salon fl-Istitut tas-Servizzi fil-Komunità. Se jkun hemm ukoll work placements fis-salons u spas stabbiliti bħala parti mill-programm tal-kors. Taqsimiet ta' studju matul it-tieni sena ta' studji jinkludu terapiji alternattivi bħar-riflessoloġija, terapija tal-ġebel sħun u aromaterapija. Meta jitlesta l-programm sħiħ l-istudenti jikkwalifikaw bħala terapisti tas-sbuħija. Inkella, l-istudenti li jtemmu b'suċċess dan il-kors full-time ta' sentejn jistgħu jikkunsidraw li jkomplu bl-istudji tagħhom billi javvanzaw għal Bachelor in Education and Vocation Training 4.0 li jista' jwassal biex isiru għalliema fl-Edukazzjoni Vokazzjonali fl-iskejjel sekondarji. L-istudenti huma mitluba jixtru l-aċċessorji meħtieġa tas-sbuħija fil-bidu tas-sena akkademika.

### Entry Requirements

MCAST Diploma for Beauty Specialists  
or  
ITEC Diploma for Beauty Specialists

### Career Opportunities

Beauty therapist

### Course Duration

2 Years Full-time

### Mode

Includes Work  
placement

### MQF Level

4

### Credits

120 ECTS

# Advanced Diploma in Hairdressing

This programme of studies provides greater insight on advanced hairdressing techniques and better understanding of the requirements when working as a salon owner/ manager. This course is aimed at learners who have obtained certification in the basic skills of hairdressing and want to proceed to more advanced techniques ranging from consulting to colouring, advanced cutting and styling. This course equips learners with the knowledge and skills to provide a holistic hair service to clients. Learners are given ample opportunity to practice through hands-on practical sessions and professional salon experience. As part of the course, the learners are expected to practice hairdressing services within the inhouse salon at the Institute of Community Services. The course also equips learners with competences required to manage a professional hairdressing salon including knowledge in areas such as human resources management, legislative measures, basic accounting and marketing concepts. The MCAST Advanced Diploma in Hairdressing also covers men's haircutting and barbering. Learners are required to purchase the necessary hairdressing accessories at the beginning of the academic year.

Dan il-programm ta' studji jipprovdi għarfien avvanzat dwar il-ħiliet ta' parrukkiera u r-rekwiżiti biex taħdem bħala sid/manager ta' salon. Dan il-kors huwa mmirat għal studenti li jkunu kisbu ċertifikazzjoni fil-ħiliet bażiċi tal-hairdressing u jridu jimxu għal-livell aktar avvanzat u ħiliet li jvarjaw minn konsulenza dwar kulur, qtugħ u stil avvanzat. Dan il-kors jgħammar lill-istudenti bl-għarfien u l-ħiliet biex jipprovdu servizz holistiku tax-xagħar lill-klijenti. L-istudenti jingħataw opportunità biżżejjed biex jipprattikaw permezz ta' sessjonijiet prattiċi u esperjenza professjonali f'salon. Bħala parti mill-kors, l-istudenti huma mistennija jipprattikaw is-servizzi ta' parrukkiera fi hdan is-salon fl-Istitut tas-Servizzi fil-Komunità. Il-kors jgħammar ukoll lill-istudenti b'kompetenzi meħtieġa biex jimmaniġġjaw salon professjonali inkluż għarfien f'oqsma bħall-manigment tar-riżorsi umani, miżuri leġiżlattivi, kontabilità bażika u kuncetti tal-marketing. L-MCAST Advanced Diploma in Hairdressing tkopri wkoll il-qtugħ tax-xagħar tal-irġiel u sengħa tal-barbiera. L-istudenti huma mitluba jixtru l-aċessorji meħtieġa fil-bidu tas-sena akkademika.

## Entry Requirements

MCAST Diploma in Hairdressing (Women)  
or  
City and Guilds (UK) Hairdressing - Level 2

## Course Duration

2 Years Full-time

## MQF Level

4

## Career Opportunities

Hair salon manager · Hair stylist

## Mode

Apprenticeship

## Credits

120 ECTS

# Advanced Diploma in Children's Care, Learning and Development

This programme of studies provides learners with practical experience in child care. This also entails pedagogical practices based on theories related to the Early Years. This programme also allows learners to delve into health and safety issues, research related to contemporary issues in the early years. Learners will gain experience from work placement programmes, one placement with a baby and another with a group of toddlers. Learners will observe, plan and implement age appropriate creative activities through the Emergent Curriculum approach. At the end of the first academic year, successful learners will have the option to exit their studies and be awarded the MCAST Award in Children's Care, Learning and Development, to work as Child Care Practitioners.

Dan il-programm ta' studju jipprovdi tagħlim prattiku fit-tagħlim tal-kura tat-tfal. Dan jinkludi prattika pedagogika fuq il-prinċipji bbażati fuq is-snin bikrija. Dan il-programm jippermetti wkoll lill-istudenti jidhlu fil-qasam ta' saħħa u sigurtà, riċerka relatata ma' kwistjonijiet kontemporanji fis-snin bikrija l-istudenti se jkubsu esperjenza minn programmi ta' work placement, u ieħor ma' grupp ta' tfal żgħar. L-istudenti se josservaw, jipplanaw u jimplimentaw attivitajiet kreattivi addatti għall-età permezz tal-Kurrikulu Emergenti. Fi tmiem l-ewwel sena akkademika, l-istudenti ta' suċċess se jkollhom l-għażla li joħorġu mill-istudju tagħhom u jingħataw l-MCAST Award in Children's Care, Learning and Development biex jaħdmu bħala Child Care Practitioners.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language, Maltese,  
Mathematics

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Includes Work Placement

## Credits

120 ECTS

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- present a clean police conduct certificate;
- complete a Basic First Aid course;
- complete a Paediatric First Aid course;
- Vaccination card with complete vaccination programme.

## Career Opportunities

Child Care Educator

# Advanced Diploma in Sport (Development, Coaching and Fitness)

This is a full-time programme with a strong emphasis on the theoretical and practical components of sports and fitness. The course looks into coaching, fitness and sports development, basic sports science fundamentals and includes modules related to sports injuries and sports as a business venture. Placement experience provided throughout the course further strengthens these abilities. During the two years of this programme of studies, the learner will be exposed to an array of activities that will enrich their experience in the world of sports and fitness.

Dan huwa programm full-time b'enfasi qawwija fuq it-teorija u l-prattika fl-isports u l-fitness. Il-kors jittratta l-ikkowċjar, il-fitness, ix-xjenza bażika tal-isport u l-iżvilupp, u jinkludi unitajiet ta' studju relatati ma' korrimenti waqt l-isport u l-isport bħala negozju. L-esperjenza ta' xogħol waqt il-kors tkompli ssaħħaħ il-kapaċità tal-istudent f'dawn l-oqsma. Matul is-sentejn ta' studju, l-istudent jiġi espost għal varjetà ta' attivitajiet li jsaħħu l-esperjenza fid-dinja tal-isport u l-fitness.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

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## Other Entry Requirements

Medical clearance is required.

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## Course Duration

2 Years Full-time

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## Mode

Includes Work  
Placement

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## MQF Level

4

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## Credits

120 ECTS

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## Career Opportunities

Fitness Instructor · Foundations Coach  
· Sport Activity Organiser



## Bachelor of Arts (Honours) in Early Years

The degree prepares learners to work in an Early Years setting with children aged three to five. Throughout the first two years of the course, learners cover different components of the required learning that leads students to become practitioners with further specialisation in more specific areas. Throughout the course learners experience placement within an early years setting to progressively become adept at working with a group of children using the emergent curriculum approach.

Il-programm jipprepara lill-istudenti biex jaħdmu f'ambjent ta' Snin Bikrin ma' tfal ta' bejn tlieta u ħames snin. Matul l-ewwel sentejn tal-kors, l-istudenti jkopru komponenti differenti tat-tagħlim meħtieġ li jwassal lill-istudenti biex isiru prattikanti b'aktar speċjalizzazzjoni f'oqsma aktar speċifiċi. Matul il-kors, l-istudenti jkollhom esperjenza tax-xogħol mat-tfal biex b'mod progressiv isiru kapaċi jaħdmu ma' grupp ta' tfal u jużaw metodu tal-kurrikulu emergenti.

### Entry Requirements

MCAST Advanced Diploma in Children's Care, Learning and Development  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level or I-Level: Two subjects from Mathematics or English or Maltese and  
Compulsory: A pass at SEC/O-Level in the subject that is not presented at A-level or I-level  
or  
Advanced Diploma in Health and Social Care  
or  
Advanced Diploma in Social Care

### Course Duration

3 Years Full-time

### MQF Level

6

### Mode

Includes Work Placement

### Credits

180 ECTS

### Career Opportunities

Kinder Garten Educator · Child Care Centre Manager

### Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- present a clean police conduct certificate;
- complete a Basic First Aid course;
- complete a Paediatric First Aid course;
- vaccination card with complete vaccination programme

To progress to the third year of the course, students must have obtained a pass in

Maltese and English O'level (Grade 5 or better). Alternatively, students can attend the preparatory lectures in Maltese and English proficiency delivered throughout the second year of the course and obtain a mark of 50 or higher in the assessments. Only the proficiency tests acquired throughout the second year of the same course are accepted.

Any entry requirements presented in this Prospectus, are intended for educational purposes. Employers will eventually set their own job vacancy requirements which obviously need to be respected by all those applying for that particular vacancy.

# Bachelor of Arts (Honours) in Social Care Management

The Social Care sector provides a number of professional career opportunities for successful learners to find engaging and rewarding employment at the end of this programme of studies. Throughout the duration of the three-year course, undergraduates are given the opportunity to participate in work placement experiences in related settings, once every year, to observe and learn different care practices and management styles. This programme of studies includes varied modules aimed at enhancing the undergraduates' knowledge in different social fields as well as skills and competencies in administration and management. Study units include Family Studies, Gender and Sexual diversity, European and Social Policy, Financial aspects and Quality assurance, and different units related to Management.

Is-settur tas-Saħħa u l-Kura Soċjali jipprovdi għadd ta' opportunitajiet ta' karriera biex l-istudenti li jtemmu dan il-kors b'suċċess isibu impjieg motivanti u ta' sodisfazzjon fi tmien dan il-programm ta' studji. Matul il-kors ta' tliet snin, l-istudenti jingħataw l-opportunità li jipparteċipaw f'esperjenzi ta' work placement f'ambjenti relatati, darba kull sena, biex josservaw u jitgħallmu prattiċi ta' kura u stili ta' differenti. Dan il-programm ta' studji jinkludi moduli varjati mmirati biex itejbu l-għarfien foqasma soċjali differenti kif ukoll ħiliet u kompetenzi fl-amministrazzjoni u l-manigment. Taqsimiet ta' studju jinkludu Studji tal-Familja, id-diversità tas-Sessi u dawk sesswali, Politika Ewropea u Soċjali, Aspetti Finanzjarji u Assigurazzjoni tal-Kwalità, u unitajiet differenti relatati mal-Manigment.

## Entry Requirements

MCAST Advanced Diploma in Children's Care, Learning and Development  
or  
MCAST Advanced Diploma in Health and Social Care  
or  
MCAST Advanced Diploma in Social Care  
or  
MCAST Advanced Diploma in Applied Science  
or  
MCAST Advanced Diploma for Pharmacy Technicians  
or  
MCAST Advanced Diploma in Health Sciences  
or  
2 A-Level passes and 2 I-Level passes

Compulsory: SEC/O-Level Pass in English Language

## Course Duration

3 Years Full-time

## Mode

Includes Work Placement 180 ECTS

## Career Opportunities

Administrative and/or managerial positions within the Health and Social Care sector  
• Social welfare professional

## MQF Level

6

## Credits

# Bachelor of Arts (Honours) in Inclusive Education

This programme of studies focuses on how educational institutions in general, and the classroom settings specifically, can become more inclusive to cater for different individual needs. The learners tackle a variety of study units aimed at identifying what barriers exist which may be preventing learners from accessing quality education. The study units also explore innovative techniques of how these barriers can be overcome so that all learners feel valued during compulsory schooling years. This course includes work placement opportunities held once every year aimed at observing good practices in educational settings and developing a mindset of promoting inclusive communities that celebrate diversity and cater for the diverse needs of different groups of learners. The course subjects include child development including main early years theories as well different aspects of learning to allow learners to integrate learning for a cross curricular pedagogy

Dan il-programm ta' studju jiffoka fuq kif l-istituzzjonijiet edukattivi b'mod ġenerali, u l-ambjenti tal-klassi b'mod speċifiku, jistgħu jsiru aktar inklużivi biex jilhqqu ħtiġijiet individwali differenti. L-istudenti tal-bachelorat jittrattaw varjetà ta' unitajiet ta' studju li għandhom l-għan li jidentifikaw dawk l-ostakoli li jistgħu jkunu qegħdin iżommu lill-istudenti milli jkollhom aċċess għal edukazzjoni ta' kwalità. Barra minn hekk, l-unitajiet ta' studju jesploraw ukoll tekniki innovattivi dwar kif jistgħu jingħelbu dawn l-ostakoli sabiex l-istudenti kollha jhossuhom stmati matul is-snin ta' edukazzjoni obligatorja, u possibilmnt anke wara. Dan il-kors jinkludi opportunitajiet ta' esperjenza ta' xogħol immirati biex l-istudenti jiżviluppaw mentalità li tippromwovi komunitajiet inklużivi li jiċċelebraw id-diversità u biex jissodisfaw il-ħtiġijiet diversi ta' gruppi differenti ta' studenti. Il-kors jinkludi suġġetti dwar l-iżvilupp tat-tfal u teoriji dwar is-snin bikrin, kif ukoll aspetti biex l-istudenti jintegraw l-aspetti tat-tagħlim fil-pedagoġija kurrikulari, immirati biex l-istudenti jiżviluppaw mentalità li tippromwovi komunitajiet inklużivi li jiċċelebraw id-diversità u biex jissodisfaw il-ħtiġijiet diversi ta' gruppi differenti ta' studenti.

## Entry Requirements

MCAST Advanced Diploma in Children's Care, Learning and Development  
or  
MCAST Advanced Diploma in Health and Social Care  
or  
MCAST Advanced Diploma in Social Care  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory: One A-Level and one I-Level from Mathematics, English, Maltese, Philosophy, Sociology, Psychology

## Course Duration

3 Years Full-time

## Mode

Includes Work Placement

## Career Opportunities

Learning support educator (LSE)

## MQF Level

6

## Credits

180 ECTS

# Bachelor of Science (Honours) in Sport, Exercise and Health

This programme of studies covers modules that prepare the learners to work alongside medical and healthcare professionals in promoting physical activity and exercise, and are mapped to the rigorous standards upheld by various accrediting bodies in the field. The ultimate aim will be to improve the general health of the individual and of society as a whole. Throughout the three years, this course provides opportunities for learners to experience hands-on engagement in exercise, health and fitness programmes, conferences and events on and off campus. The learners will develop the knowledge and skills required to assist clients and patients in their various health challenges, noncommunicable diseases, health conditions, injuries or disabilities. The course has a strong research component, and provides an excellent platform for further progression in sports science and academia. Furthermore the degree programme also aims to facilitate the pursuit of a number of distinctive sport or Master's (Level 7) programmes.

Dan il-programm jkopri moduli li jippreparaw lill-istudenti biex jaħdmu flimkien ma' professjonisti mediċi u tal-kura tas-saħħa fil-promozzjoni tal-attività fiżika u l-eżerċizzju, u huma mfassla mal-istandards rigorużi mħarsa minn diversi korpi ta' akkreditazzjoni fil-qasam. L-għan aħħari se jkun li jitjieb il-livell ġenerali, is-saħħa tal-individwu u tas soċjetà kollha kemm hi. Tul it-tliet snin, dan il-kors jipprovdni opportunitajiet għall-istudenti biex jesperjenzaw involviment prattiku fi programmi ta' eżerċizzju, saħħa u fitness, konferenzi u avvenimenti ġewwa u barra l-kampus. L-istudenti se jiżviluppaw l-għarfien u l-ħiliet meħtieġa biex jassistu lill-klijenti u l-pazjenti fid-diversi sfidi tas-saħħa tagħhom, mard li ma jitteħidx, kundizzjonijiet tas-saħħa, korrimenti jew diżabilitajiet. Il-kors għandu komponent ta' riċerka b'saħħtu, u jipprovdni pjattaforma eċċellenti għal aktar tagħlim fix-xjenza tal-isport u l-akkademja. Barra minn hekk, il-programm għandu l-għan ukoll jgħin biex l-istudent jkompli diversi sports jew programmi ta Masters (Livell 7).

## Entry Requirements

Any MCAST MQF Level 4 Certificate  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level or I-Level: Physics or  
Chemistry or Biology or Physical Education  
and  
Compulsory: SEC/O-Level pass in English  
Language

## Other Entry Requirements

Medical clearance is required.

## Course Duration

3 Years Full-time

## Mode

Includes Work  
Placement

## Career Opportunities

Personal Trainer • Professional in Exercise for  
Health • Specialist Trainer • Sports Activity Manager  
• Functional Sports Trainer • Sports Coach • Sports  
Activity Organiser • Sports Activity Leader

## MQF Level

6

## Credits

180 ECTS

# Bachelor of Vocational Education and Training 4.0 (Honours)

This Bachelor's programme aims to provide learners to become Education and Training practitioners. Learners are provided with the knowledge, skills and competences to work effectively, efficiently and confidently as professional teachers, supervisors, mentors, educational designers and agents of change in the fast changing reality of industry 4.0. This can take place in Education Institutions as well as leading learning at the workplace, focusing on pedagogical practices and teaching strategies. Participants on the programme will have the opportunity to build upon their existing disciplinary knowledge, while integrating it with the educational learning that is the core of the programme.

Dan il-programm ta' Baċċerati għandu l-għan li jipprovdi lill-istudenti biex isiru prattikanti tal-Edukazzjoni u t-Taħriġ Vokazzjonali. L-istudenti jingħataw l-għarfien, il ħiliet u l-kompetenzi biex jaħdmu b'mod effettiv, effiċjenti u kunfidenti bħala għalliema professjonali, mentors, disinjaturi edukattivi u aġenti tal-bidla fir-realtà tal-industrija 4.0 li qed tinbidel malajr. Dan jista' jseħħ kemm fl-Istituzzjonijiet tal-Edukazzjoni Vokazzjonali kif ukoll fit-tagħlim ewlieni fuq il-post tax-xogħol waqt li jiffukaw fuq prattika pedagoġika u strateġiji fit-tagħlim. Il-parteciċpanti fil-programm se jkollhom l-opportunità li jibnu fuq l-għarfien dixxiplinarju eżistenti tagħhom, filwaqt li jintegrawh mat-tagħlim edukattiv li huwa l-qalba tal-programm.

## Entry Requirements

A full MCAST Level 4 qualification (120 ECTS) related to the area of specialisation with an overall average Grade of C or better  
or

2 A-Level subjects (with a Grade C or better) and 2 I-Level subjects related to the area of specialisation as indicated in the regulations

## Other Entry Requirements

Vaccination card with complete vaccination programme

## Course Duration

3 Years Full-Time

## Mode

May include the possibility of Work-Based Learning

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Teacher in vocational education and training  
· Teacher of vocational and applied subjects in secondary education  
· Lead learning at the workplace

## Master in Social Care Practice

The programme of studies targets professionals who have experience working in social care settings, or who wish to move into the field of social care practice. The programme of studies builds on an already acquired professional understanding to further broaden and deepen this with specialised units that provide leading and high quality care across the social care sector. The main aim of the programme is to enhance the professional and transferable skills of those working in the social sector so as to improve the care provided to service users and their communities. The objective here is to improve the experience of the service user to offer the vulnerable sector of our community better life chances.

**FEES:** Fees apply – Further information through MG2i (MCAST Gateway to Industry)

Dan il-programm ta' studju huwa mmirat għal professjonisti li għandhom esperjenza ta' xogħol f'ambjenti ta' kura soċjali, jew jixtiequ jsiru prattikanti fil-qasam tal-kura soċjali. Il-programm jibni fuq il-fehim professjonali li l-istudenti diġà jkollhom u jwessa' u japprofondixxi dan il-fehim permezz ta' unitajiet ta' studju speċjalizzati li jwasslu għal kura ta' kwalità għolja fis-settur tal-kura soċjali. L-għan ewlieni ta' dan il-programm ta' studju huwa li jżiedu l-ħiliet professjonali u trasferibbli ta' dawk li jaħdmu fis-settur soċjali sabiex titjeb il-kura pprovduta lil dawk li jużaw is-servizzi u lill-komunitajiet tagħhom. L-iskop huwa li titjeb l-esperjenza ta' dawk li jużaw is-servizzi biex is-sezzjoni vulnerabbli tal-komunità tagħna tiġi offruta oppurtajiet ta' ħajja aħjar.

**MIŻATI:** Japplikaw ħlasijiet – Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

### Entry Requirements

A MQF Level 6 first degree in Social Care, Social Sciences, Humanities

or

A relevant accredited degree programme

### Course Duration

PT 5 Semesters

### Mode

Blended

### MQF Level

7

### Credits

90 ECTS

# Master of Science in Exercise and Sports Science

The Master of Science in Exercise and Sports Science presents a multidisciplinary focus on helping learners understand the relationship between health and human performance. As an academic programme, this Master of Science will introduce translational research and provide essential foundations from the bases of physiology, biomechanics, motor behaviour and psychology. Using the social ecological approach to addressing the needs for health and human performance for the workforce in Malta, the programme recognizes societal needs, introduces evidence-based strategies for intervention, and evaluates the impact of these services on health outcomes and productivity.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science in Exercise and Sports Science huwa ffukat fuq li jgħin lill-istudenti jifhmu r-relazzjoni bejn is-saħħa u l-prestazzjoni umana minn perspettiva multidixxiplinarja. Bħala programm akkademiku, dan il-Master of Science jintroduci lill-istudenti għar-riċerka traslazzjonali (li sservi bħala pont bejn ix-xjenza u l-prattika) u jipprovdni pedament essenzjali mil-lat tal-fiżjoloġija, il-bijomekkanika, il-movimenti tal-bniedem u l-psikoloġija. Il-programm juża l-approċċ ekoloġiku soċjali biex jiġu indirizzati l-ħtiġijiet tas-saħħa tal-ħaddiema f'Malta u l-prestazzjoni tagħhom, u hekk jirrikonoxxi l-bżonnijiet tas-soċjetà, jintroduci strategiji ta' intervent ibbażati fuq l-evidenza, u jevalwa l-impatt ta' dawn is-servizzi fuq is-saħħa u l-produttività.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

Bachelor of Science (Honours) in Sport, Exercise and Health

or

Bachelor of Science (Honours) in Health Sciences (Physiological Measurements)

or

Bachelor of Science (Honours) in Sport and Physical Activity

or

Bachelor of Education (Honours) in Physical Education

or

A relevant accredited degree programme

## Course Duration

PT 5 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Master in Vocational Education Applied Research 4.0

The Master in Vocational Education and Training Applied Research 4.0 is intended for professionals who are involved in education . It provides pedagogical training through an experiential approach . Participants are provided with opportunities to extend their knowledge, thinking and behaviours to become effective educators within their area of expertise. The Master is a proactive response, shifting from the traditional education programmes to innovative practices, linking teaching and action research based on the Scholarship of Teaching This course includes two practice placements within an educational institution.

## FEES:

Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Master fl-Edukazzjoni Vokazzjonali u t-Taħriġ Riċerka Applikata 4.0 huwa maħsub għal professjonisti li huma involuti fl-edukazzjoni. Jipprovdi taħriġ pedagoġiku ibbażat fuq l-esperjenza. Il parteċipanti jingħataw opportunitajiet biex jestendu l-għarfien, il-ħsieb u l-imġieba tagħhom biex isiru professjonisti aktar effettivi fil-qasam tal-kompetenza tagħhom. Il Master huwa rispons proattiv, li jbidel mill-programmi edukattivi tradizzjonali għal prattiċi innovattivi, li jgħaqqad it-tagħlim u r-riċerka ta' azzjoni bbażati fuq it-tagħlim fil-kuntest tal-edukazzjoni vokazzjonali fl-Edukazzjoni Avanzata u Għolja. Dan il-kors jinkludi żewġ work placements fi ħdan istituzzjoni edukattiva.

## Course Description

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Master in Vocational Education Applied Research 4.0 (Business, Management and Commerce)

Master in Vocational Education Applied Research 4.0 (Health and Social Care)

Master in Vocational Education Applied Research 4.0 (Engineering and Transport)

Master in Vocational Education Applied Research 4.0 (Information and Communication Technology)

Master in Vocational Education Applied Research 4.0 (Media)

Master in Vocational Education Applied Research 4.0 (Hospitality)

Master in Vocational Education Applied Research 4.0 (Chemical Technology)

Master in Vocational Education Applied Research 4.0 (Environmental Technology)

Master in Vocational Education Applied Research 4.0 (Agribusiness)

Master in Vocational Education Applied Research 4.0 (Hairdressing and Beauty)

Master in Vocational Education Applied Research 4.0 (Design)

Master in Vocational Education Applied Research 4.0 (Arts)

Master in Vocational Education Applied Research 4.0 (Sports)

Master in Vocational Education Applied Research 4.0 (Maltese)

Master in Vocational Education Applied Research 4.0 (English)

Master in Vocational Education Applied Research 4.0 (Mathematics)

Master in Vocational Education Applied Research 4.0 (Science)

Master in Vocational Education Applied Research 4.0 (Personal, Social and Career Development)



### Entry Requirements

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A Bachelor's degree in the relevant subject area  
or  
Be a full-time academic member of staff at the  
Malta College of Arts, Science and Technology  
or  
Be a full-time academic member of staff in  
another vocational education institution

### Other Entry Requirements

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Applicants must do two practice placements  
where they lead learning for a total of 13 weeks  
in an educational institution, as well as an  
industrial placement of 40 hours where they  
will fulfil duties in an area relevant to their area  
specialization.

All eligible candidates shall follow the Post-  
Graduate Certificate in Vocational Education  
unless they are already in possession of another  
teaching qualification recognised by the board  
towards Recognition of Prior Learning (RPL), in  
which case such candidates will register for the  
Award in Vocational Education.

### Course Duration

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3 Years Part-Time

### Mode

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Blended

### MQF Level

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7

### Credits

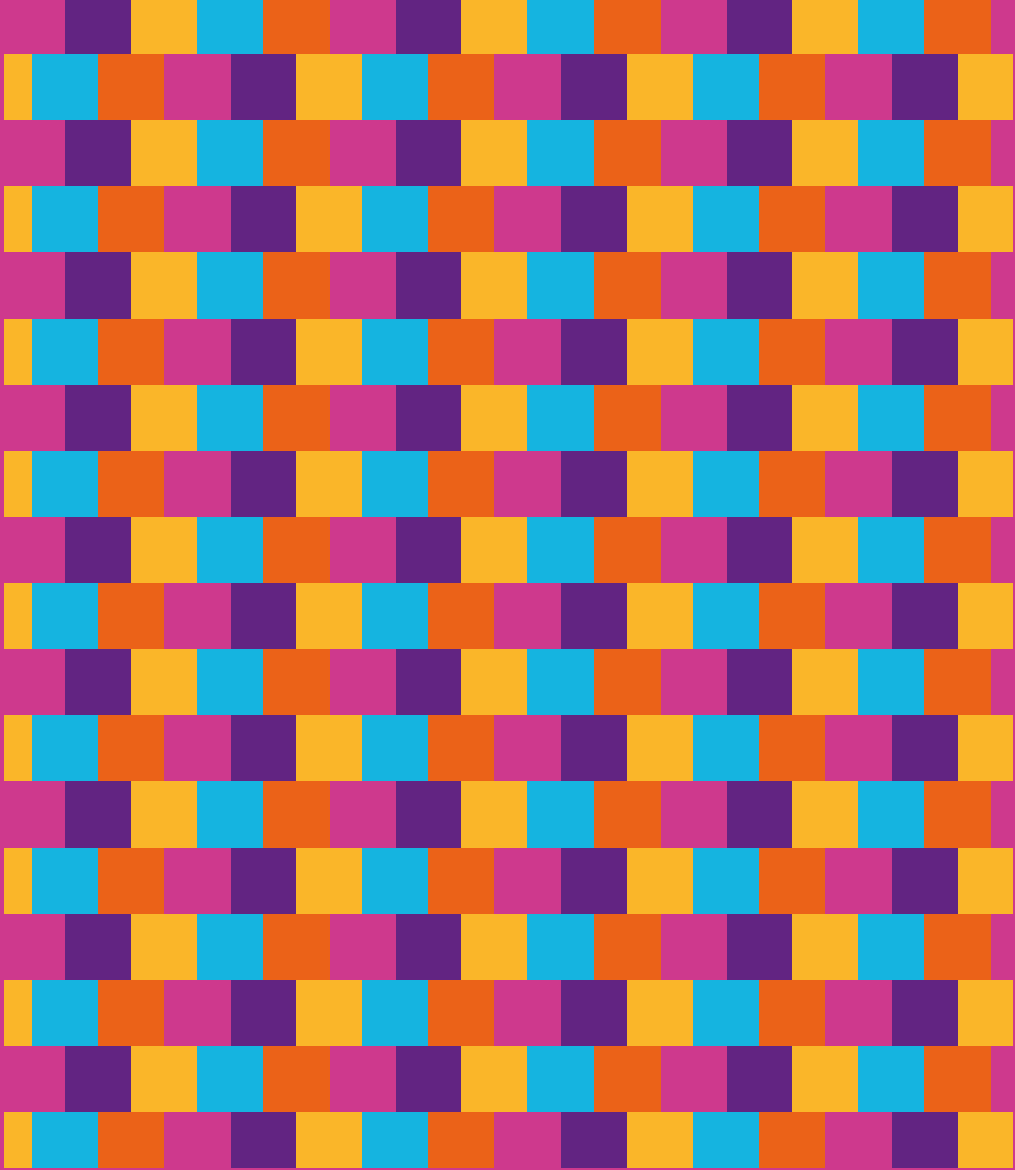
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120 ECTS

### Career Opportunities

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Teacher in vocational education and training,  
Teacher of vocational and applied subjects in  
secondary education



# CREATIVE ARTS

# Courses

- 132 Introductory Certificate in the Creative Arts
- 133 Foundation Certificate in the Creative Arts
- 134 ALP+ Extended Diploma in Performing Arts
- 135 ALP+ Extended Diploma in Media
- 136 ALP+ Extended Diploma in Art and Design
- 138 Diploma in Performing Arts
- 139 Diploma in Media
- 140 Diploma in Art and Design
- 141 Advanced Diploma in Digital Design
- 142 Advanced Diploma in Performing Arts
- 143 Advanced Diploma in Photography
- 145 Advanced Diploma in Art and Design
- 146 Advanced Diploma in Video Production
- 147 Advanced Diploma in Fashion and Retail
- 150 Advanced Diploma in Cultural Heritage Skills
- 151 Advanced Diploma in Graphic Printing
- 153 Bachelor of Arts (Honours) in Fine Arts
- 155 Bachelor of Arts (Honours) in Game Arts
- 156 Bachelor of Arts (Honours) in Interactive Digital Media
- 157 Bachelor of Arts (Honours) in Animation
- 158 Bachelor of Arts (Honours) in Graphic Design
- 160 Bachelor of Arts (Honours) in Product Design
- 161 Bachelor of Arts (Honours) in Spatial Design
- 162 Bachelor of Arts (Honours) in Creative Media Production
- 163 Bachelor of Arts (Honours) in Photography
- 164 Bachelor of Arts (Honours) in Journalism
- 165 Bachelor of Arts (Honours) in Performing Arts
- 166 Bachelor of Arts (Honours) in Fashion
- 167 Bachelor in Conservation (Honours)
- 168 Master of Arts in Product Design
- 169 Master in Conservation
- 170 Master in Creative Media and Enterprise



“MCAST helped shape my career, and our institute was a source of inspiration meeting like-minded creatives. I now want to be an inspiration and encourage others who want to pursue a career in photojournalism with a unique perspective.”

Miguela Xuereb Graduate in Photography.



# Introductory Certificate in the Creative Arts

This programme of study provides learners, who completed their compulsory education and are in possession of their Secondary School Certificate and Profile (SSC&P), with an opportunity to follow an introductory course in the creative arts. The programme provides an introduction to a broad range of creative disciplines, and offers a structured education of theory and practice in the creative arts. This enables learners to understand better the vocation they intend to follow and prepares them for further studies in the field. Key skills subjects help learners improve their competences within basic areas such as language, numeracy, information technology, science and individual and social responsibility.

Dan il-programm ta' studju jipprovdi lill-istudenti, li temmew l-edukazzjoni obbligatorja tagħhom u li għandhom iċ-Ċertifikat u l-Profil tal-Iskola Sekondarja tagħhom (SSC&P), b'opportunità li jsegwu kors introduttorju fl-arti kreattiva. Il-programm jipprovdi introduzzjoni għal firxa wiesgħa ta' dixxiplini kreattivi, u joffri edukazzjoni strutturata ta' teorija u prattika fl-arti kreattiva. Dan jippermetti lill-istudenti jifhmu aħjar il-vokazzjoni li beħsiebhom isegwu u jippreparahom għal aktar studji fil-qasam. Is-suġġetti tal-ħiliet ewlenin jgħinu lill-istudenti jtejbu l-kompetenzi tagħhom f'oqsma bażiċi bħal-lingwa, in-numri, it-teknoloġija tal-informazzjoni, ix-xjenza u r-responsabbiltà individwali u soċjali.

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## Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

1

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## Credits

40 ECTS

# Foundation Certificate in the Creative Arts

This programme of study provides an opportunity to learners in possession of the Secondary School Leaving Certificate and Profile (SSC&P) or any MCAST Introductory Certificate to follow a structured programme of study that explores the basics of various creative art disciplines, namely art and design, media and performing arts. The programme includes a significant amount of vocational practice, as well as essential key skills subjects that will help learners form a clear idea of the nature of the vocation they intend to follow at higher levels while, at the same time, nurturing their competences within basic areas such as language, numeracy, information technology, science and personal development.

Dan il-programm ta' studju jipprovi opportunità lill-istudenti fil-pussess taċ-Ċertifikat u l-Profil tal-Iskola Sekondarja (SSC&P) jew kull Ċertifikat Introdutturju tal-MCAST biex isegwu programm ta' studju strutturat li jesplora l-bażi ta' diversi dixxiplini tal-arti kreattiva, jiġifieri l-arti u d-disinn, il-midja u l-Arti Performattiva. Il-programm jinkludi ammont sinifikanti ta' prattika vokazzjonali, kif ukoll sugġetti essenzjali ta' ħiliet ewlenin li se jgħinu lill-istudenti jiffurmaw idea ċara tan-natura tal-vokazzjoni li bi ħsiebhom isegwu f'livelli oġhla filwaqt li, fl-istess ħin, irawmu l-kompetenzi tagħhom fi ħdan oqsma bħall-lingwa, in-numri, it-teknoloġija tal-informatika, ix-xjenza u l-iżvilupp personali

## Entry Requirements

Any MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# ALP+ Extended Diploma in Performing Arts

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to performing arts. The combination of practical experience and theory provided in the course, will equip learners with the knowledge and skills to access the labour market, or continue their studies at MQF level 4 at MCAST. This course provides learners with an opportunity to familiarise themselves with the breadth of the performing arts industry.

The course will provide a general introduction to the various aspects of this industry, the stakeholders and structures involved. At the same time, it will introduce learners to the industry's diverse disciplines and respective roles hands-on. The course provides an ideal foundation upon which to base further studies in the process of becoming a performing arts professional.

Dan il-kors huwa mmirat lejn studenti li jkunni temmew b'suċċess l-istudji ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-arti performattiva.

L-esperjenza prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji ta' Tagħlim Alternattiv fil-livell 4 tal-MQF fl-MCAST. Il-kors jesponi l-istudenti għall-industrija tal-arti performattiva. Il-kors jipprovdi introduzzjoni ġenerali għad-diversi aspetti ta' din l-industrija, il-partijiet interessati u l-istrutturi involuti. Fl-istess ħin, jintroduċi lill-istudenti fid-dixxiplini differenti tal-industrija u r-rwoli rispettivi fil-prattika. Il-kors jipprovdi pedament ideali li fuqu jibbażaw aktar studji fil-proċess li jsiru professjonisti tal-arti performattiva.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



## ALP+ Extended Diploma in Media

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to creative media. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the creative media sector. The combination of practical experience and theory provided by the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

The creative media sector is versatile and encompasses many job opportunities for young learners who are ready to take on this adventure. This programme aims to give learners an introduction to the various disciplines and elements that make up the creative media sector. It also allows learners to experience working on media-related projects first hand. This course provides learners with the ideal foundations upon which they can further specialise as media professionals.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-industrija tal-midja kreattiva. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjegji fil-livell ta' assistent tekniku fis-settur tal-midja kreattiva. L-esperjenza Prattika u l-għarfien teoretiku li jpprovi dan il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Is-settur tal-midja kreattiva huwa versatili u jhaddan ħafna opportunitajiet ta' impjegji għal studenti żgħażaġħ li huma lesti jidhlu għal din l-avventura. Dan il-programm għandu l-għan li jintroduci lill-istudenti għad-diversi dixxiplini u elementi li jiffurmaw is-settur tal-midja kreattiva u jippermetti wkoll li l-istudenti jaħdmu fuq proġetti relatati mal-midja b'mod dirett. Dan il-kors jipprovi lill-istudenti l-baži ideali li fuqha jistgħu jkomplu jispesjalizzaw bħala professjonisti tal-midja.

### Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

### Course Duration

2 Year Full-time

### MQF Level

2/3

### Mode

College-based with work-based learning

### Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Art and Design

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to art and design. The combination of practical experience and theory provided in the course, will equip learners with the knowledge and skills to access the labour market, or continue their studies at MQF level 4 at MCAST. This programme gives learners the opportunity to explore two different areas, those of Art and Design. Learners are encouraged to experiment with different media, resistant and non-resistant materials used in the generic disciplines of art, 3D design (product and spatial) and fashion. Learners learn skills using different workshops and related tools and technology, as well as learn the theoretical aspects of various specialist areas, with awareness of health and safety. Another important aspect of the course is the development of the learners' communication skills.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-Arti u d-Disinn. L-esperjenza prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST. Dan il-programm jagħti lill-istudenti l-opportunità li jesploraw żewġ oqsma differenti, daww tal-Arti u d-Disinn. L-istudenti jkunu mħeġġa jesperimentaw b'midja differenti u b'materjali reżistenti u mhux reżistenti użati fid-dixxiplini ġeneriċi tal-arti, id-disinn Tridimensjonali (prodott u spazjali) u l-moda. L-istudenti jitgħallmu l-ħiliet billi jużaw workshops differenti u għodod u teknoloġija relatati, kif ukoll jitgħallmu l-aspetti teoretiċi ta' diversi oqsma speċjalizzati, filwaqt li jżommu f'moħħhom is-saħħa u s-sigurtà. Aspett importanti ieħor tal-kors huwa l-iżvilupp tal-ħiliet ta' komunikazzjoni tal-istudent.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## Mode

College-based with work-based learning

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

FULL VIEW



LADY S...



# Diploma in Performing Arts

This course provides learners with an opportunity to familiarise themselves with the breadth of the performing arts industry. The course will provide a general introduction to the various aspects of this industry, the stakeholders, and the structures involved. At the same time, it will introduce learners to the industry's diverse disciplines and respective roles hands-on. The course provides an ideal foundation upon which to base further studies in the process of becoming a performing arts professional.

Il-kors jesponi l-istudenti għall-industrija tal-arti performattiva. Il-kors jipprovdi introduzzjoni ġenerali għad-diversi aspetti ta' din l-industrija, il-partijiet interessati u l-istrutturi involuti. Fl-istess ħin, jintroduċi lill-istudenti fid-dixxiplini differenti tal-industrija u r-rwoli rispettivi fil-prattika. Il-kors jipprovdi pedament ideali li fuqu jibbażaw aktar studji fil-proċess li jsiru professjonisti tal-arti performattiva.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or an Audition.

As from 2025-2026, applicants will be required to sit for an interview and/or audition, which can determine eligibility for the course

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## Course Duration

1 Year Full-time

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## Mode

May include the possibility of Work-Based Learning

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## Career Opportunities

Stage hand · Front of house officer · Relationship officer · Ticketing officer

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## MQF Level

3

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## Credits

60 ECTS

# Diploma in Media

The creative media sector is versatile and encompasses many job opportunities for young learners who are ready to take on this adventure. This programme aims to give learners an introduction to the various disciplines and elements that make up the creative media sector and it also allows learners to experience working on media-related projects first hand. This course provides learners with the ideal foundations upon which they can further specialise as media professionals.

Is-settur tal-midja kreattiva huwa versatili u jhaddan hafna opportunitajiet ta' impjegji għal studenti żgħażagħ li huma lesti jidhlu għal din l-avventura. Dan il-programm għandu l-għan li jintroduci lill-istudenti għad-diversi dixxiplini u elementi li jiffurmaw is-settur tal-midja kreattiva u jippermetti wkoll li l-istudenti jaħdmu fuq proġetti relatati mal-midja b'mod dirett. Dan il-kors jipprovdi lill-istudenti l-baži ideali li fuqha jistgħu jkomplu jispeċjalizzaw bħala professjonisti tal-midja.

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### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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### Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

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### Course Duration

1 Year Full-time

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### Mode

May include the possibility of Work-Based Learning

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### Career Opportunities

Production office assistant · Studio Assistant ·  
Photography assistant · Graphic Design Assistant

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### MQF Level

3

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### Credits

60 ECTS

# Diploma in Art and Design

This programme gives learners the opportunity to explore two different areas, those of Art and Design. Learners are encouraged to experiment with different media, resistant and non-resistant materials used in the generic disciplines of art, 3D design (product and spatial) and fashion. Learners learn skills using different workshops and related tools and technology, as well as learn the theoretical aspects of various specialist areas, with awareness of health and safety. Another important aspect of the course is the development of the learners' communication skills.

Dan il-programm jagħti lill-istudenti l-opportunità li jesploraw żewġ oqsma differenti, dawk tal-Arti u d-Disinn. L-istudenti jkunu mheġġa jesperimentaw b'midja differenti u b'materjali reżistenti u mhux reżistenti użati fid-dixxiplini ġeneriċi tal-arti, id-disinn Tridimensjonali (prodott u spazjali) u l-moda. L-istudenti jitgħallmu l-ħiliet billi jużaw workshops differenti u għodod u teknoloġija relatati, kif ukoll jitgħallmu l-aspetti teoretiċi ta' diversi oqsma speċjalizzati, filwaqt li jżommu f'moħħhom is-saħħa u s-sigurtà. Aspett importanti ieħor tal-kors huwa l-iżvilupp tal-ħiliet ta' komunikazzjoni tal-istudent.

## Entry Requirements

MCAST Foundation Certificate\*  
or  
2 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Art or Art and Design or Textiles and Design or Fashion and Textiles  
\*As from 2025-2026, progression shall be limited to students who would have attained progression from the MCAST Foundation Certificate in the Creative Arts.

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

1 Year Full-time

## Mode

May include the possibility of work-based Learning

## Career Opportunities

Assistant in an art studio · Assistant in the crafts sectors of Stone Works, Woodworking production, Ceramics, Jewellery, Textiles or Fashion

## MQF Level

3

## Credits

60 ECTS

# Advanced Diploma in Digital Design

The course introduces common fundamental principles, skills and software related to contemporary fields of design. Minor streams in game art, graphic design and interactive media will allow learners to specialise in their field of interest and master the required skills in preparation for more independent study at undergraduate level. Exploratory exercises, real life work and the possibility of competitions all form part of the process for an effective learning experience. Taught by experienced visual and technical designers from interdependent fields, this course of study prepares learners to communicate ideas and solve problems through creative and interactive solutions.

Il-kors jintroduci lill-istudenti għal prinċipji fundamentali komuni, ħiliet u softwer relatati ma' oqsma kontemporanji tad-disinn. Studju f'oqsma speċifiċi tal-arti tal-logħob, id-disinn grafiku u l-midja interattiva jagħtu lill-istudenti ċ-ċans li jispeċjalizzaw fil-qasam li jinteressahom u li jsaħħu l-ħiliet meħtieġa bi preparazzjoni għal studju aktar indipendenti f'livell ta' baċcellerat. Eżerċizzji esploratorji, xogħol ta' veru u l-possibiltà ta' parteċipazzjoni f'kompetizzjonijiet jiffurmaw parti mill-proċess li jwassal għal esperjenza effettiva tat-tagħlim. L-għalliema ta' dan il-kors ta' studju huma disinjaturi viżwali u tekniċi ta' esperjenza li huma ġejjin minn oqsma differenti imma interdipendenti. Huma jippreparaw lill-istudenti biex ikunu kapaċi jikkomunikaw l-ideat tagħhom u jsolvu problemi bis-saħħa ta' soluzzjonijiet kreattivi u interattivi.

## Entry Requirements

MCAST Diploma in Printing  
or  
MCAST Diploma in Art and Design  
or  
MCAST Diploma in Media  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subject as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Art or a comparable award (in terms of both volume, content and Level of studies) related to Digital Design.

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Includes Work  
Placement

## Credits

120 ECTS

## Career Opportunities

Junior graphic designer · Junior web designer  
· Junior 2D artist · Junior game developer

# Advanced Diploma in Performing Arts

This programme is an opportunity to develop an advanced understanding of the performing arts industry, its structures and practices. In the first year, learners will develop a fundamental understanding of the performance, design, technical, and management aspects of the industry. Training in these areas will enable learners to contextualise past and present practices in the performing arts. They will also engage with well-being practices for a holistic preparation to more advanced learning and work in a complex industry. Following the successful progression from their first year, students have the opportunity to advance their training in four specific areas within the performance, design, technical and management domains. Learners will also develop entrepreneurial skills, and be given a work-based learning opportunity within a related private or public entity. They will also learn basic skills for performing in front of a camera. Ultimately, learners will be able to apply all their skills in the production and presentation of a performance. At the end of this course, learners will be geared to pursue a variety of work opportunities in the industry, or to further their studies in undergraduate performing arts programmes.

Dan il-programm huwa opportunità biex jiġu żviluppati ħiliet avvanzati fl-industrija tal-arti performattiva, l-istrutturi u l-prattiċi tagħha. Fl-ewwel sena, l-istudenti jiżviluppaw ħiliet fundamentali għall-performer fid-disinn u aspetti tekniċi u maniġerjali tal-industrija. It-taħriġ f'dawn l-oqsma u t-tagħlim, jippermetti lill-istudenti jikkontestwalizzaw il-prattika tal-passat u tal-preżent fl-arti performattiva. Se jimpennjaw ruħhom ukoll bi prattika tal-benessri għal tnejnija ħolistika għal tagħlim aktar avvanzat u jaħdmu f'industrija kumplessa. Wara li jispiċċaw l-ewwel sena tagħhom, l-istudenti għandhom l-opportunità li javanzaw it-taħriġ tagħhom f'erba' oqsma speċifiċi – l-arti performattiva, id-disinn, teknika u fil-qasam tal-maniġment. L-istudenti jiżviluppaw ukoll ħiliet intraprenditorjali, u jingħataw opportunità ta' tagħlim ibbażat fuq ix-xogħol fi ħdan entità privata jew pubblika relatata. Huma jitgħallmu wkoll ħiliet meħtieġa għal quddiem kamera. Fl-aħħar mill-aħħar, l-istudenti jkunu jistgħu japplikaw il-ħiliet kollha tagħhom fil-produzzjoniet. L-istudenti jkunu mhegġa li isegwu varjetà ta' opportunitajiet ta' xogħol fl-industrija, jew biex ikomplu bl-istudji tagħhom fi programmi tal-arti performattiva.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

As from academic year 2025/26, applicants may be asked to sit for an Interview and/or an Audition.

As from 2025-2026, applicants will be required to sit for an interview and/or audition, which can determine eligibility for the course

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Assistant performing arts/events/stage/logistics manager · Assistant designer (props, costumes)  
· Technical assistant (light/sound design) · Performer (acting, dance, music)



# Advanced Diploma in Photography

The photographic industry requires young creatives who want to take the plunge into the world of professional image making. The industry requires competitive young professionals who can meet the on-going clients' demands for fresh and unique ideas for images in a variety of contexts. This course focuses on giving prospective photographers a very near real-life educational experience of what can be experienced in the photographic industries. Learners are exposed to the specialist areas of location photography, editorial photography and studio photography. Towards the end of each academic year the learners develop their own thematic photographic concepts and produce two major photographic projects. The course also includes DSLR and mirrorless photography, studio photography, studio lighting, monochrome darkroom photographic printing, and relevant post-production techniques using Adobe Photoshop.

L-industrija tal-fotografija tirrikjedi persuni żgħażaġh kreattivi li jridu jidhlu fid-dinja tat-teħid professjonali tal-immagna. L-industrija tirrikjedi professjonisti żgħażaġh kompetittivi li jistgħu jissodisfaw id-domandi kontinwi tal-klijenti għal ideat friski u uniċi għat-teħid ta' immagnijiet f'varjetà ta' kuntesti. Dan huwa kors vokazzjonali ta' sentejn li jagħti lil fotografi prospettivi esperjenza edukattiva realistika simili għal dik li jistgħu jesperjenzaw fl-industriji tal-fotografija. L-istudenti jkunu esposti għall-oqsma speċjalizzati ta' editorial photography, location photography u studio photography. Lejn l-aħħar ta' kull sena akkademika, l-istudenti jiżviluppaw il-kunċetti fotografici tematiċi tagħhom stess u jipproduċu żewġ proġetti fotografici ewlenin. Il-kors jinkludi wkoll DSLR u mirrorless photography, studio photography, studio lighting, monochrome darkroom photographic printing, u teknika relevanti ta' post-produzzjoni bl-użu tal-Adobe Photoshop.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Assistant photographer · Junior photo journalist  
· Junior studio photographer · Junior photo editor · Photographer retail attendant · Junior photographer (corporate)



# Advanced Diploma in Art and Design

The programme provides guided vocational learning in art and design as well as relevant key competences. It equips learners with the foundations required to undertake further studies in various specialist areas at undergraduate level. During the course, learners build a portfolio of student work that hones in their skills and gradually orients their focus in the direction they intend to follow in their career. The programme has an element of work-based learning through which students experience some contact with industry. Special attention is also given to visual and written communication in preparation for self-promotion and entrepreneurship after their studies.

Il-programm jipprovdi tagħlim vokazzjonali fl-arti u d-disinn kif ukoll kompetenzi ewlenin rilevanti. Il-kors ihejji lill-istudenti bil-pedamenti meħtieġa biex iwettqu aktar studji f'diversi oqsma speċjalizzati fil-livell tal-lawrja. Matul il-kors, l-istudenti jibnu portafoll ta' xogħol li jtejjeb il-ħiliet tagħhom u jgħin biex jimxu gradwalment fid-direzzjoni li bi ħsiebhom isegwu fil-karriera tagħhom. Il-programm għandu element ta' tagħlim ibbażat fuq ix-xogħol li permezz tiegħu l-istudenti jkollhom esperjenza fl-industrija. Tingħata wkoll attenzjoni speċjali lill-komunikazzjoni viżiva u bil-miktub bi thejjija li jippromwovu lilhom infushom u jkunu intraprenditorjali wara l-istudji tagħhom.

## Entry Requirements

MCAST Diploma in Art and Design  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subject as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Art or Art and Design or Design and Technology or Graphical Communication or Textiles and Design\* or Fashion and Textiles\*

\*As from 2025/2026 Textiles and Design or Fashion and Textiles will no longer be required as compulsory.

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Craftsperson · Artisan · Draughtsperson · Sales  
Design Assistant

# Advanced Diploma in Video Production

This programme is designed for prospective learners who wish to gain theoretical knowledge as well as practical skills and competences in the video production industry. The course, which focuses on hands-on learning, provides the learner with a solid foundation in audiovisual production, including the underlying concepts through practice. The student will also undertake a placement in industry to strengthen their competences in a working environment. Upon successful completion of the course, one can continue studies at degree level or enter the industry with a range of abilities to function in a modern and competitive industry.

Dan il-programm huwa mfassal għal studenti li jixtiequ jiksbu għarfien teoretiku kif ukoll ħiliet u kompetenzi prattiċi fl-industrija tal-produzzjoni tal-vidjow. Il-kors, li jiffoka fuq tagħlim prattiku, jipprovdli lill-istudent b'pedament sod fil-produzzjoni awdjoviżiva, inklużi l-kunċetti sottostanti permezz tal-prattika. Dan jinkludi wkoll prattika fl-industrija biex jissaħħu l-kompetenzi f'ambjent tax-xogħol. Wieħed jista' jkompli l-istudji fil-livell sitta jew jidhol fl-industrija fejn hemm bżonn ta' diversi ħiliet f'suq kompetittiv.

## Entry Requirements

MCAST Diploma in Art and Design  
or  
MCAST Diploma in Media  
or  
Any MCAST Level 3 Diploma whilst being in possession of the compulsory subject as indicated hereunder \*  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Art or English Language or Music or Media Literacy Education\*\*  
or  
4 SEC/O-Level/SSC&P (Level 3) passes together with Media Literacy (at Level 2) or Portfolio (to be evaluated with possible interview)

\*As from 2025/2026 internal progression will be limited to MCAST Diploma in Art and Design and MCAST Diploma in Media

\*\*As from 2025/2026 Art or English Language or Music will no longer be required as compulsory

## Course Duration

2 Years Full-time

## Mode

Includes Work Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Camera person · Video editor · Audio assistant · Production assistant · Production runner

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

# Advanced Diploma in Fashion and Retail

This course is designed to address the skills shortages in the fashion design and production sector. Learners will acquire important skills required for the fashion retail sector, together with basic entrepreneurial knowledge to support those learners who would like to set up their own atelier in the future. The first year of the programme offers learners the cultural, theoretical and creative aspects of the subject. Another important area is pattern drafting and sewing techniques in preparation for the second year. The second year of studies provides learners with the opportunity to develop further their knowledge and skills in the specialisation. They will follow an apprenticeship as well as present their own design concepts in a fashion collection as their final major project.

Dan il-kors huwa mfassal biex jindirizza n-nuqqasijiet fil-ħiliet fis-settur tad-disinn u l-produzzjoni tal-moda. L-istudenti jiksbu ħiliet importanti li huma meħtieġa fis-settur tal-bejgħ lill-konsumatur f'dan il-qasam, flimkien ma' għarfien intraprenditorjali bażiku li jgħin lil dawk l-istudenti li jixtiequ li jkollhom l-istudjo tagħhom fil-futur. L-ewwel sena tal-programm toffri lill-istudenti l-aspetti kulturali, teoretiċi u kreattivi tas-suġġett. Qasam importanti ieħor huwa t-tfassil u t-teknika tal-ħjata bi t-ħejjija għat-tieni sena ta' studju li tipprovdi lill-istudenti l-opportunità li jkomplu jiżviluppaw l-għarfien u l-ħiliet tagħhom fl-ispeċjalizzazzjoni. Huma jieħdu sehem f'apprendistat u jipprezentaw il-kunċetti tad-disinn tagħhom stess f'kollezzjoni tal-moda bħala l-proġett ewlieni finali tagħhom.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Junior designer in the fashion industry · Junior producer in an atelier · Assistant in a fashion marketing department · Assistant in fashion merchandising · Assistant in fashion retail and customer care





# Advanced Diploma in Cultural Heritage Skills

This course addresses needs in the cultural heritage sector in order to support the management, conservation, preservation and care of such heritage. Successful candidates will be able to ethically collaborate with relevant stakeholders, and would work under the supervision of a heritage professional. The programme of studies provides the necessary applied theoretical material and ethical background in technical aspects of cultural heritage and heritage skills, including: stone, wood, metals, books, paper, and textiles heritage skills, with training being carried out in workshops, laboratories and on site. The course also has an apprenticeship, which allows learners the opportunity to work alongside professionals and immerse themselves in the world of cultural heritage while receiving the necessary training in the a learning environment. Graduands of this programme can access the Bachelor in Conservation and Restoration Studies (Hons) course at the same Institute.

Dan il-kors jindirizza htiġġiet fis-settur tal-Wirt Kulturali sabiex jappoġġja l-ġestjoni, il-konservazzjoni, il-preservazzjoni u l-kura ta' dan il-wirt. Kandidati li jirnexxu jkunu jistgħu jikkollaboraw etikament mal-partijiet interessati rilevanti, u jkunu jaħdmu taħt is-superviżjoni ta' professjonist tal-wirt. Il-programm ta' studji jipprovdi l-materjal teoretiku applikat meħtieġ, u l-isfond etiku fl-aspetti tekniċi tal-wirt kulturali u l-ħiliet tal-wirt inklużi l-ħiliet fil-ġebel, l-injam, il-metalli, il-kotba, il-karta, u t-tessuti, b'taħriġ isir f'workshops, laboratorji u fuq siti. Il-kors għandu wkoll apprendistat, biex l-istudenti jkollhom l-opportunità li jaħdmu flimkien ma' professjonisti u jidhlu sew fid-dinja tal-wirt kulturali, filwaqt li jieħdu t-taħriġ meħtieġ f'ambjent ta' tagħlim. Gradwati ta' dan il-programm jistgħu jaċċessaw il-kors ta' Bachelor in Conservation and Restoration Studies (Hons) fl-istess Istitut.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Applicants may be asked to sit for an Interview.

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Heritage skills technician · Assistant to archivist/  
curator/conservator-restorer in archives/  
churches/palaces/stately homes/museums/sites



# Advanced Diploma in Graphic Printing

This course provides fundamental knowledge of printing, print production and finishing. The programme also provides a formation in a range of skills and techniques, personal qualities and attitudes essential for successful employment. Learners will harness theoretical knowledge at the Institute, backed up by practical apprenticeship within the printing industry.

Dan il-kors jagħti lill-istudenti għarfien fundamentali dwar is-sengħa tal-istampar u l-produzzjoni u l-irfinar tal-prodott. Il-programm ta' studju jipprovdi wkoll formazzjoni f'varjetà ta' ħiliet u tekniki, kwalitajiet personali u attitudnijiet li huma essenzjali biex wieħed jirnexxi fl-impjieg tiegħu. L-istudenti jittgħallmu t-teorija fl-Istitut, li tissaħħaħ bil-prattika waqt apprendistat Prattiku li jagħmlu fl-industrija tal-istampar.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes.  
Compulsory: English Language

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present a Portfolio.

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Offset printer · Printing finisher · Machine minder · Pre-press operator



# Bachelor of Arts (Honours) in Fine Art

This degree programme is a synthesis of the most important elements of professional fine art practice as it concerns underpinning knowledge, fundamental skills and understanding. Learners have the opportunity to appreciate and develop a range of practical fine art disciplines, including drawing, sculpture, painting, photography, print making and digital imaging. They will be encouraged to investigate the multidimensional aspect of fine art theory and practice, as well as a broad variety of subject matters, such as spiritual, moral, ethical, as well as environmental and socio-cultural issues. This degree programme will stimulate learners in developing both their own personal advancement and the right assets to establish a studio practice.

Dan il-programm fil-livell ta' baċċerjat huwa sinteżi tal-aktar elementi importanti tal-prattika tal-arti professjonali billi jikkonċerna l-għarfien, il-ħiliet u l-fehim fundamentali. L-istudenti jkollhom l-opportunità li japprezzaw u jiżviluppaw firxa ta' dixxiplini tal-arti Prattika, li jinkludu t-tpinġija, l-iskultura, il-pittura, il-fotografija, l-istampar u l-iżvilupp ta' immaġni diġitali. Huma jiġu mheġġa jinvestigaw l-aspett multidimensjonali tat-teorija u l-prattika tal-arti, kif ukoll varjetà wiesgħa ta' suġġetti, bħal dawk spiritwali, morali u etiċi, kif ukoll kwistjonijiet ambjentali u soċjokulturali. Dan il-programm fil-livell ta' baċċerjat jstimula lill-istudenti sabiex jiżviluppaw kemm fir-rigward ta' progress fl-istudji tagħhom kif ukoll fit-trawwim tal-attributi meħtieġa biex jifitħu l-istudjo tagħhom.

## Entry Requirements

MCAST Advanced Diploma in Art and Design  
or  
MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Photography  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Art

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Live Cases

## Career Opportunities

2D artist • 3D artist • Digital artist • Multimedia artist • Prop artist • Craftsman • Gallery assistant • Assistant to a curator • Various roles within the cultural sector

## MQF Level

6

## Credits

180 ECTS



# Bachelor of Arts (Honours) in Game Art

This degree programme has been developed in response to the increased demand for trained artists and designers who are able to produce visual concepts and assets for digital games. Learners will acquire grounding in essential art and design principles as well as basic knowledge in game creation using industry-standard software. They will continuously reinforce applied skills while relating relevant theories in game and visual design, storytelling, and IP development. In their final year of studies, learners will be able to team up with students from the Interactive Digital Media programme to create functional video games.

Dan il-programm fil-livell ta' baċċerati għe żviluppat minħabba d-domanda kbira għal artisti u disinjaturi mħarrġa li huma kapaċi jipproduċu kuncetti viżwali għal-logħob diġitali. L-istudenti se jakkwistaw ħiliet fl-arti u l-prinċipji tad-disinn, kif ukoll għarfien bażiku fil-ħolqien tal-logħob bl-użu ta' software li jintuża fl-industrija. Huma ser isaħħu kontinwament il ħiliet applikati u jsiru jafu it-teoriji rilevanti fid-disinn tal-logħob, ir-rakkont tal-istejjer, u l-iżvilupp tal-IP. Fl-aħħar sena ta' studji tagħhom, l-istudenti jkunu jistgħu jingħaqdu ma' studenti mill-programm Interactive Digital Media biex joħolqu video game funzjonali.

## Entry Requirements

MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Art and Design  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Art

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Digital visual artist • Storyboard artist • Texture artist • Concept artist • 3D artist • 3D rigger • 3D modeller

# Bachelor of Arts (Honours) in Interactive Digital Media

This degree programme prepares learners to work in various sectors within an ever-evolving digital industry by giving them exposure to creative design and software development techniques for interactive media content. Learners will receive a strong grounding in graphic design principles and programming techniques for games, website technologies and interactive installations. They will concurrently acquire applied knowledge in the fundamental practices of the industry by exploring user experience design, game design, and generative digital imaging techniques. In their final year of study, learners will be able to team up with students from other disciplines to create rich interactive experiences.

Dan il-programm fil-livell ta' baċċerati jipprepara lill-istudenti biex jaħdmu f'diversi setturi fi hdan industrija diġitali li dejjem tevolve, billi jagħtihom esponiment għal tekniki ta' disinn kreattiv u żvilupp ta' softwer għal kontenut interattiv tal-midja. L-istudenti se jirċievu bażi soda fil-prinċipji tad-disinn grafiku u t-tekniki tal-ipprogrammar għal-logħob, teknoloġiji tal-websajt u installazzjonijiet interattivi. Fl-istess ħin se jakkwistaw għarfien applikat fil-prattiki fundamentali tal-industrija billi jespjoraw id-disinn tal-esperjenza tal-utent, id-disinn tal-logħob, u t-tekniki tal-immagini diġitali ġenerattivi. Fl-aħħar sena ta' studju tagħhom, l-istudenti jkunu jistgħu jingħaqdu ma' studenti minn dixxiplini oħra biex joħolqu esperjenzi interattivi.

## Entry Requirements

MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Art and Design  
or  
MCAST Advanced Diploma in Photography  
or  
MCAST Advanced Diploma in Creative Media Production  
or  
MCAST Advanced Diploma in Video Production  
or  
MCAST Advanced Diploma in IT (Multimedia Software Development stream or Software Development stream)  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Art or Computing

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Web developer or designer · Application developer or designer · Game developer · 3D artist · Technical artist · UI and UX designer

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

# Bachelor of Arts (Honours) in Animation

Animation is a powerful storytelling medium that is becoming more accessible to the average person. It is a form of expression through which artists can create communicative and imaginative art for others to enjoy and appreciate. This degree introduces learners to the tools and techniques required to produce animated work using traditional and digital tools. Learners will start by exploring basic animation theory and mechanics, develop observational and drawing skills and study the fundamental principles of visual design, layout, and storyboarding. They will gain experience in producing traditional artwork for stop-motion and frame-by-frame animation and gain a working knowledge of 2D and 3D animation practices including cinematography, motion graphics, rigging, visual effects and sound design.

L-animazzjoni hija mezz b'saħħtu biex nrrakuntaw l-istejjer u li qed isir aktar aċċessibbli. Hija forma ta' espressjoni li permezz tagħha l-artisti jistgħu joħolqu arti komunikattiva u immaġinattiva biex ħaddieħor igawdi u japprezza. Dan il-programm jintroduci lill-istudenti għall-għodod u t-teknika meħtieġa biex jipproduċu xogħol animat bl-użu ta' għodod tradizzjonali u diġitali. L-istudenti se jibdew billi jesploraw it-teorija u l-mekkaniżmi bażiċi tal-animazzjoni, jiżviluppaw ħiliet ta' osservazzjoni u tpingija u jistudjaw il-prinċipji fundamentali tad-disinn viżwali, it-tqassim, u l-storyboarding. Huma se jiksibu esperjenza fil-produzzjoni ta' xogħol tal-arti tradizzjonali għall-animazzjoni stop-motion u frame-by-frame u jiksibu għarfien dwar l-animazzjoni 2D u 3D inklużi ċ-ċinematografija, l-motion graphics, l-armor, l-effetti viżwali u d-disinn tal-ħoss.

## Entry Requirements

MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Art and Design  
or  
MCAST Advanced Diploma in Creative Media Production  
or  
MCAST Advanced Diploma in Video Production  
or  
MCAST Advanced Diploma in IT (Multimedia Software Development stream or Software Development stream only)  
or  
2 A-Level passes and 2 I-Level passes  
  
Compulsory A-Level: Art or Graphical Communication or Computing

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an interview and/or present their portfolio.

# Bachelor of Arts (Honours) in Graphic Design

Communicating messages successfully via graphic design requires a high level of understanding of the visual art of representation. This highly contextualised programme draws on contemporary design practice, together with theoretical and historical cultural material. The degree will equip learners with the knowledge to explore and challenge creative boundaries, through real-life design scenarios. They will hone their skills in fundamental design principles such as layout, form, typography, iconography and colour. Learners will analyse a wide range of professional design problems, and find creative and innovative solutions using various media. The main aim of this degree programme is to focus on design as a means for communicating meaningful messages, gathering content, organising information, creating and presenting narratives and experiences, while always looking ahead to affect change.

Il-komunikazzjoni ta' messaġġi b'suċċess permezz ta' disinn grafiku teħtieġ livell għoli ta' fehim tal-arti viżiva tar-rappreżentazzjoni. Dan il-programm kuntestwali ħafna juża prattika tad-disinn kontemporanju, flimkien ma' materjal kulturali teoretiku u storiku. Il-grad se jgħammar lill-istudenti bl-għarfien biex jesploraw u jisdaw il-konfini kreattivi, permezz ta' xenarji ta' disinn tal-ħajja reali. Huma se jsaħħu l-ħiliet tagħhom fil-prinċipji fundamentali tad-disinn bħat-tqassim, il-forma, it-tipografija, l-ikonografija u l-kulur. L-istudenti se janalizzaw firxa wiesgħa ta' problemi ta' disinn professjonali, u jsibu soluzzjonijiet kreattivi u innovattivi billi jużaw diversi mezzi. L-għan ewlieni ta' dan il-programm fil-livell ta' baċcellerat huwa li jiffoka fuq id-disinn bħala mezz għall-komunikazzjoni ta' messaġġi sinifikanti, il-ġbir ta' kontenut, l-organizzazzjoni tal-informazzjoni, il-ħolqien u l-preżentazzjoni ta' narrattivi u esperjenzi, filwaqt li dejjem tħares 'il quddiem biex taffettwa l-bidla.

## Entry Requirements

MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Graphic Printing  
or  
MCAST Advanced Diploma in Art and Design  
or  
MCAST Advanced Diploma in Photography  
or  
MCAST Advanced Diploma in Creative Media Production  
or  
Advanced Diploma in Video Production  
or  
2 A-Level passes and 2 I-Level passes

Compulsory A-Level: Art or Graphical Communication

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

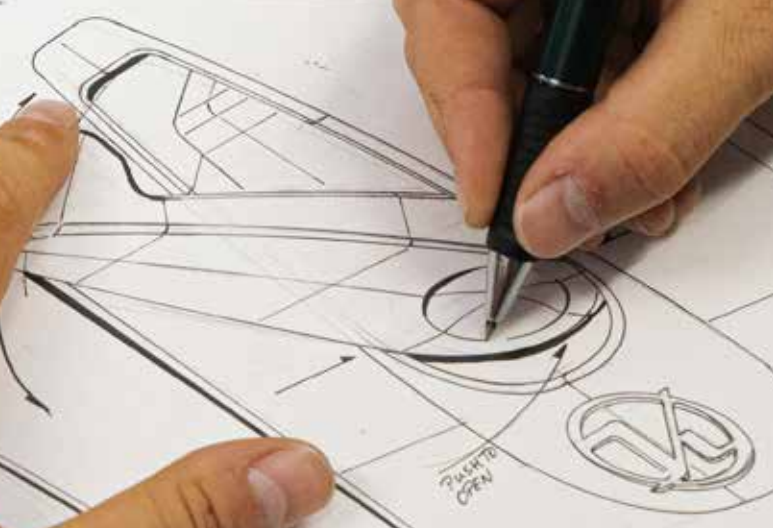
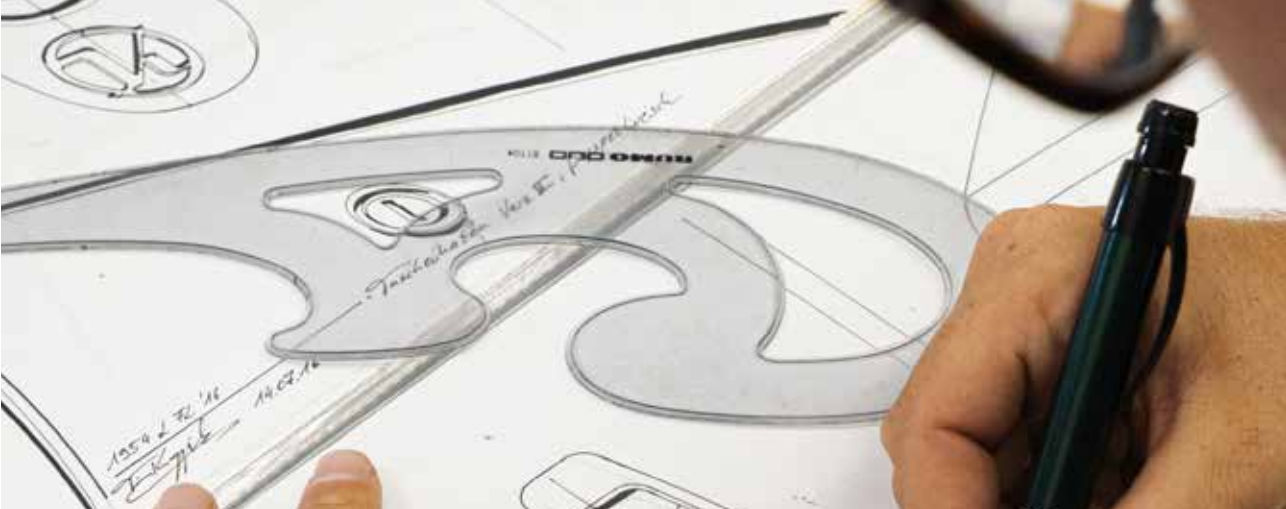
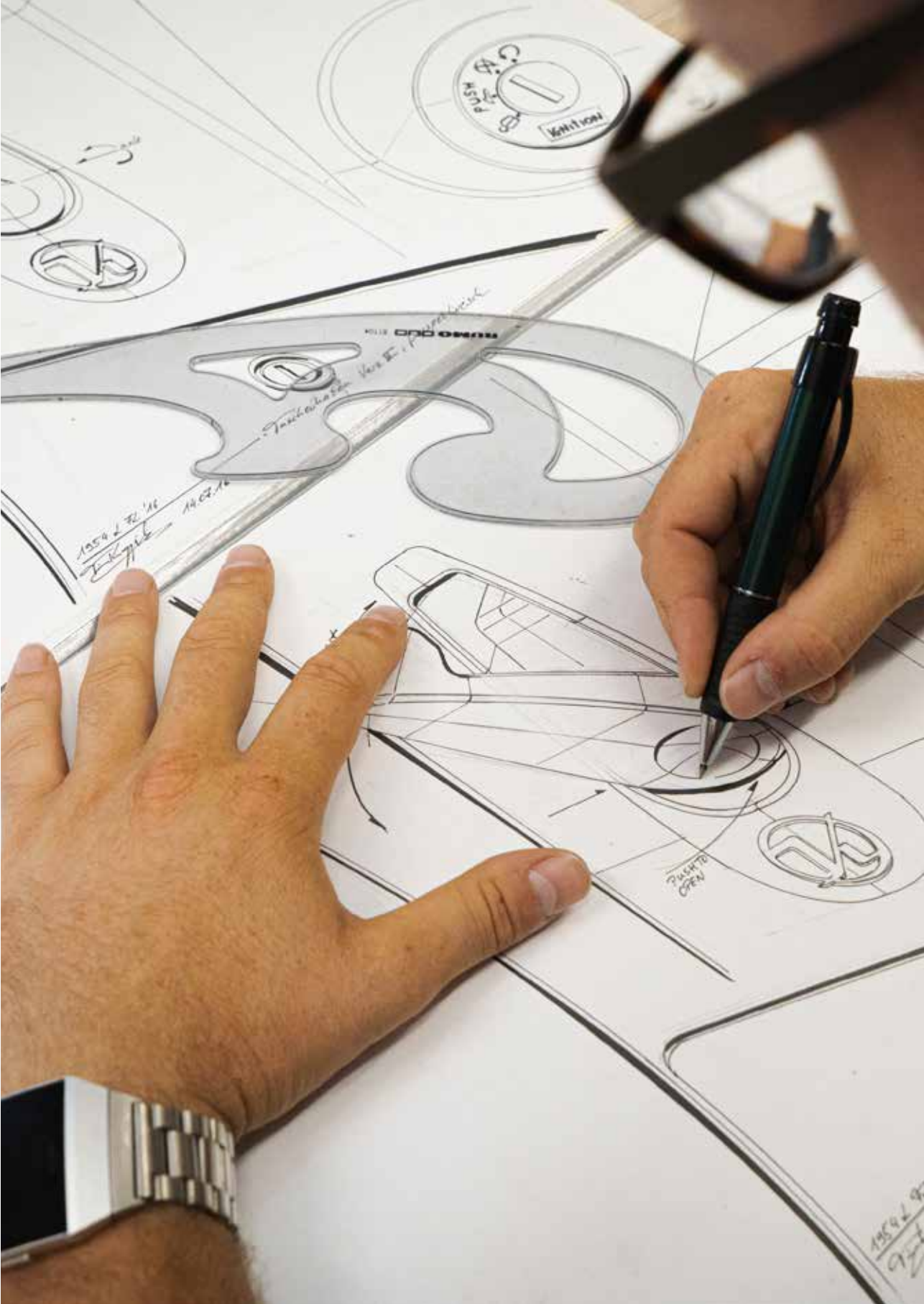
## Credits

180 ECTS

## Career Opportunities

Graphic designer · Motion graphics designer · Web Designer





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# Bachelor of Arts (Honours) in Product Design

This degree programme prepares learners to work in the creative design of design crafts and industrial products. Learners learn how to respond to complex design briefs by investigating different cultural, socio-economic contexts and the development of design products. They will take individual responsibility to research and effectively communicate their creative ideas using visual communication and CAD software to present technical and creative renders of effective product designs. Guided lectures will provide learners with knowledge on fundamental topics such as sustainability, environmental studies, functional design, traditional 3D production and innovative technologies, also supported with the necessary skills to transform their designs into physical prototypes within industry-based scenarios.

Dan il-programm fil-livell ta' baċcellerat iħejji lill-istudenti biex jaħdmu fid-disinn kreattiv tal-artiġjanat fid-disinn, u prodotti industrijali. L-istudenti jittgħallmu kif iwieġbu għal design briefs kumplessi billi jinvestigaw kuntesti kulturali, soċjoekonomiċi differenti u l-iżvilupp ta' prodotti tad-disinn. Huma jiehdu responsabbiltà individwali biex jirriċerkaw u jikkomunikaw b'mod effettiv il-ħsieb kreattivi tagħhom permezz tal-komunikazzjoni viżiva u s-software CAD biex jipprezentaw disinji ta' prodotti kreattivi li jkunu skont it-teknika. Permezz ta' lezzjonijiet ggwidati, l-istudenti jiksbu għarfien dwar suġġetti fundamentali bħas-sostenibbiltà, l-istudji ambjentali, id-disinn funzjonali, u t-teknoloġiji tal-produzzjoni, kemm dawk tridimensjonali tradizzjonali kif ukoll oħrajn innovattivi. Bl-għajjnuna tal-ħiliet neċessarji, l-istudenti jittgħallmu jibdlu d-disinji tagħhom fi prototipi kif jiġri fl-industrija.

## Entry Requirements

MCAST Advanced Diploma in Art and Design  
or  
MCAST Advanced Diploma in Joinery, Furniture Design and Manufacturing  
or  
MCAST Advanced Diploma in Manufacturing  
or  
MCAST Advanced Diploma in Welding and Fabrication  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Art or Graphical Communication or Engineering Drawing or Physics

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Career Opportunities

Industrial product designer · Furniture designer  
· Prop designer for stage or set

# Bachelor of Arts (Honours) in Spatial Design

This degree aims to provide learners with the essential communication skills to visually interpret industry-related spatial design projects of both internal and external spaces. Learners will develop critical analysis and independent thinking to project management competences to transform three-dimensional volumes into innovative spatial experiences. They will explore constructional materials and technology to develop their projects, with attention to sustainability and the environment, considering also light effects in the design brief. Learners will also learn how to generate technical drawings and artistic visuals using CAD software to communicate concepts and details in a realistic manner, as well as develop model-making skills.

Dan il-programm fil-livell ta' baċcellerat għandhu l-għan li jipprovdi lill-istudenti l-ħiliet essenzjali tal-komunikazzjoni biex jinterpretaw b'mod viżiv proġetti relatati mal-industrija li jirrigwardaw id-disinn ta' spazji interni u esterni. L-istudenti jiżviluppaw il-ħiliet ta' analiżi kritika u ħsieb indipendenti meħtieġa għall-immaniġġjar ta' proġetti li jinvolvu t-trasformazzjoni ta' volumi tridimensjonali fi spazji innovattivi. Huma jesploraw materjali u teknoloġija ta' kostruzzjoni innovattivi biex jiżviluppaw il-proġetti tagħhom, waqt li jagħtu attenzjoni lis-sostenibbiltà u l-ambjent, u jikkunsidraw ukoll l-effetti tad-dawl skont id-design brief. Barra minn dan, l-istudenti jitgħallmu jipproduċu disinji tekniċi u viżwali artistici bl-użu tas-softwer CAD biex jikkomunikaw kuncetti u dettalji b'mod realistiku. Huma jiżviluppaw ukoll ħiliet fil-bini ta' mudelli.

## Entry Requirements

MCAST Advanced Diploma in Art and Design  
or

MCAST Advanced Diploma in Environmental  
Sustainability

or

2 A-Level passes and 2 I-Level passes

Compulsory A-Level: Art or Graphical

Communication or Engineering Drawing or

Physics

## Other Entry Requirements

Applicants may be asked to sit for an Interview  
and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Interior designer · Stand designer · Landscape  
designer · Storage or set designer

# Bachelor of Arts (Honours) in Creative Media Production

This degree programme is intended to give learners the opportunity to work hands-on in creative environments and produce audio-visual content for both artistic and commercial practices. The course emphasizes content generation for the creative media and cultural industries. Learners will be initially exposed to key technical, conceptual, and critical aspects of media production. They will learn about the overarching principles and practices that underpin a professional productions. This degree programme gives young professionals all the necessary tools and techniques to develop ideas for screen-based content. Learners are then introduced to four main disciplines: Film; Documentary; TV and Digital Video, and then choose one discipline to specialise in it. This programme will give learners the opportunity to produce a fully-fledged creative media production in one of the chosen disciplines as a final major production.

Dan il-programm fil-livell ta' baċcellerat huwa maħsub biex jagħti lill-istudenti l-opportunità li jaħdmu b'mod prattiku f'ambjenti kreattivi ħalli jipproduċu kontenut awdjoviżiv għal prattiċi artistiki kif ukoll kummerċjali. Il-programm jiffoka fuq il-ħolqien ta' kontenut għall-midja kreattiva u artistika. L-istudenti jiġu esposti għall-aspetti tekniċi, kunċettwali u kritiċi ewlenin tal produzzjoni tal-midja. Huma se jitgħallmu dwar il-prinċipji u l-prattika ġenerali li jsaħħu produzzjonijiet professjonali tal-midja kreattiva u artistika. Dan il-programm jagħti lill-professjonisti żgħażaġġ, l-għarfien, l-għodod u t-teknika kollha meħtieġa sabiex jiżviluppaw ideat għall-produzzjonijiet awdjoviżivi. L-istudenti mbagħad jiġu introdotti għal erba' dixxiplini ewlenin: Film; Dokumentarju; TV u Vidjo Diġitali, u jagħżlu dixxiplina waħda biex jispeċjalizzaw fiha. Il-programm se jagħti lill-istudenti l-opportunità li jipproduċu produzzjoni tal-midja kreattiva f'waħda mid-dixxiplini magħżula u jipprezentawha bħala produzzjoni ewlenija.

## Entry Requirements

MCAST Advanced Diploma in Creative Media Production  
or  
MCAST Advanced Diploma in Video Production  
or  
MCAST Advanced Diploma in Photography  
or  
MCAST Advanced Diploma in Digital Design  
or  
MCAST Advanced Diploma in Art and Design  
or  
2 A-Level passes and 2 I-Level passes  
Preferred A-Levels: Art, Computing, English, Maltese, Music, Theatre and Performance

## Course Duration

3 Years Full-time

## Mode

Live Cases

## MQF Level

6

## Credits

180 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Career Opportunities

TV editorial assistant · Film content producer  
· TV content producer · Film production runner  
· Film and TV technical operator

# Bachelor of Arts (Honours) in Photography

The photography industry offers very exciting career pathways. The world of photography is an open invitation to all individuals who are keen to frame the world through a critical lens, to be prepared to commit for the ever-changing demands of the industry. The degree programme introduces learners to a variety of learning experiences, ranging from professional commercial photography to experimental image making. Learners will familiarise themselves with the basic foundations of image making in still photography, in both analogue and digital formats. They will explore still image recording and finishing for commercial and artistic endeavours using industry-standard equipment. In their final year, learners will be given the opportunity to research and develop their own individual visual language.

L-industrija tal-fotografija toffri toroq li jwasslu għal karrieri eċċitanti ħafna. Id-dinja tal fotografija hija stedina miftuħa għall-individwi kollha li huma interessati li jinkwadraw id-dinja permezz ta' lenti kritika, sabiex jithejjew biex jimpenjaw ruħhom għad domandi tal-industrija. Dan il-programm fil-livell ta' baċellerat jintroduċi lill-istudenti għal varjetà ta' esperjenzi ta' taġġim, li jvarjaw minn fotografija kummerċjali professjonali għat-teħid tal-immaġni sperimentali. L-istudenti jiffamiljarizzaw ruħhom mal-elementi bażiċi tat-teħid tal-immaġni, kemm dik li tiċċaqlaq kif ukoll fil-fotografija fissa kemm f'format analoġu kif ukoll f'format diġitali. Huma jesploraw ir-reġistrazzjoni u l-irfinar tal-immaġni fissa għal skopijiet kummerċjali u artistici bl-użu tat-tagħmir standard f'din l-industrija. Fl-aħħar sena ta' tagħhom, l-istudenti jingħataw l-opportunità li jagħmlu riċerka u jiżviluppaw il-lingwa viżiva individwali ta' tagħhom stess.

## Entry Requirements

Any MCAST Advanced Diploma  
Preference is given to MCAST Advanced  
Diploma in Photography  
or  
2 A-Level passes and 2 I-Level Passes

## Course Duration

3 Years Full-time

## MQF Level

6

## Mode

Live Cases

## Credits

180 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an Interview  
and/or present their Portfolio.

## Career Opportunities

Commercial photographer · Fashion  
photographer · Wedding photographer · Photo  
journalist or editor · Fine art photographer  
· Professional photo editor

# Bachelor of Arts (Honours) in Journalism

The journalism sphere offers exciting new career opportunities for individuals who are keen to learn and to offer a much needed service to society. Journalism is a vocation that can take learners to unimaginable places and lead them to meet extraordinary and diverse people. Learners will be expected to effectively analyse and report the events that shape our lives and the world around us. They will be guided to design, develop and produce news content using the latest audio-visual technologies and recording devices. Moreover, learners will explore how to present their journalistic works to the public in a variety of formats such as print, radio, television and online. Throughout this programme, learners will work on real-life case scenarios, applying theoretical knowledge to practical journalism and related projects, working both in teams as well as autonomously.

L-isfera tal-ġurnalizmu toffri opportunitajiet ta' karrieri ġodda u eċċitanti għal individwi li huma interessati li jitgħallmu u li joffru servizz ferm meħtieġ lis-soċjetà. Il-ġurnalizmu huwa vokazzjoni li tista' twassal lill-istudent f'postijiet li qatt ma immaġina u tlaqqgħu ma' persuni straordinarji u diversi. L-istudenti jkunu mistennija janalizzaw u jirrapportaw b'mod effettiv l-avvenimenti li jiffurmaw haġġitna u d-dinja ta' madwarna. Huma jiġu ggwidati sabiex jiddisinjaw, jiżviluppaw u jipproduċu kontenut tal-aħbarijiet permezz ta' teknoloġiji awdjoviżivi u apparat tar-reġistrazzjoni l-aktar moderni. Barra minn hekk, l-istudenti jesploraw kif jipprezentaw ix-xogħlijiet ġurnalistiċi tagħhom lill-pubbliku f'varjetà ta' formati bħall-istampa, ir-radju, it-televiżjoni u l-internet. Matul dan il-programm, l-istudenti jkunu meħtieġa jaħdmu f'tims kif ukoll individwalment fuq xenarji realistiċi, filwaqt li japplikaw l-għarfien teoretiku għall-ġurnalizmu prattiku u proġetti simili.

## Entry Requirements

MCAST Advanced Diploma in Creative Media Production  
or  
MCAST Advanced Diploma in Video Production  
or  
MCAST Advanced Diploma in Photography  
or  
2 A-Level passes and 2 I-Level Passes  
Compulsory I-Level: Maltese or English Language

## Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Internship and Live Cases

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

News journalist • Sports journalist • Fashion journalist • Business journalist

## Bachelor of Arts (Honours) in Performing Arts

The professionalisation of the performing arts has been a national priority for the sector for the last few years. This multi and interdisciplinary undergraduate programme responds to this priority and gives learners the opportunity to work hands-on in creative environments through joint collaboration with industry stakeholders to manage and produce performing arts projects for both artistic and commercial practices. According to their chosen study-area/s (management, acting, dance, music, light, sound, costumes, set, props) learners acquire a broad range of skills and techniques focusing on performing arts productions, through critical analysis, research and practical assignments. In their final year, learners are given the opportunity to research and develop their own individual practice.

Il-promozzjoni tal-professjonalità tal-arti tal-ispettaklu kienet prijorità nazzjonali għas-settur għal dawn l-aħħar snin. Dan il-programm multidixxiplinarju u interdixxiplinarju fil-livell ta' baċcellerat iwieġeb għal din il-prijorità u jagħti lill-istudenti l-opportunità li jaħdmu b'mod prattiku f'ambjenti kreattivi permezz ta' kollaborazzjoni konġunta mal-partijiet interessati tal-industrija, biex imexxu u jipproduċu proġetti tal-arti tal-ispettaklu għal skopijiet artistici kif ukoll kummerċjali. Skont il-qasam tal-istudju li jagħżlu (il-management, ir-reċtar, iż-żfin, il-mużika, il-ħoss, id-dwal, il-kostumi, is-sett, il-props), l-istudenti jiksibu firxa wiesgħa ta' ħiliet u ta' teknika li lkoll jiffokaw fuq produzzjonijiet tal-arti tal-ispettaklu. Dan isir permezz ta' analiżi kritika, riċerka u ħidmiet prattici. Fl-aħħar sena tagħhom, l-istudenti jingħataw l-opportunità li jagħmlu riċerka u jiżviluppaw il-prattika individwali tagħhom stess.

### Entry Requirements

Any MCAST Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes  
Preferred A-Levels: Art, Music, Philosophy,  
Sociology, and Theatre and Performance

### Course Duration

3 Years Full-time

### MQF Level

6

### Mode

Internship

### Credits

180 ECTS

### Other Entry Requirements

Applicants may be asked to sit for an Interview and/or an Audition.

As from 2025-2026, applicants will be required to sit for an interview and/or audition, which can determine eligibility for the course

# Bachelor of Arts (Honours) in Fashion

The Fashion industry is continuously evolving, and this degree programme aims to address the requirements in the various specialisations within the industry. The programme focuses on various spectrums such as fashion/costume design and production, as well as retail and marketing. Learners are supported by contextual studies to understand how fashion designers inspire their creativity. The degree programme provides learners with the specialist skills to create patterns using traditional techniques, as well as modern software (CAD/CAM) within fashion production processes, on small and mass production scales. Moreover, the programme offers specialist units addressing retail and marketing content. The programme targets new, evolving digital technologies for individuals who wish to set up their own firm with the required entrepreneurial skills, as well as those who wish to progress in the fashion business.

L-industrija tal-Moda qegħda tevolvi b'pass imġhaġġel, għalhekk dan il-programm fil-livell ta' baċellerat jindirizza r-rekwiziti speċjalizzati għal setturi differenti fi ħdan din l-industrija. Il-programm jiffoka fuq oqsma speċifiċi fi ħdan l-industrija tal-moda, inklużi d-disinn u l-produzzjoni tal-moda/kostumi, il-bejgħ u l-marketing. L-istudenti għandhom l-appoġġ permezz ta' studji kuntestwali li jwasslu lill-istudenti jifhmu kif id-disinjaturi jiġu spirati fil-kreattività tagħhom. Il-kors f'livell ta' baċellerat jipprovi lill-istudenti l-ħiliet speċjalizzati u neċessarji sabiex ifasslu ħwejjeġ bl-użu tat-teknika tradizzjonali u permezz tas-software modern (CAD/CAM) li jintuża fil-proċess tal-produzzjoni tal-ilbies, kemm fuq skala żgħira, kif ukoll fuq skala ħafna ikbar. Barra minn hekk, il-programm joffri wkoll unitajiet speċjalizzati li l-kontenut tagħhom jitratta l-bejgħ u r-reklamar. Il-programm jindirizza t-teknoloġija diġitali ġdida li qegħda tevolvi, bl-għan li-individwi li jixtiequ jibdeu in-negozju tagħhom jiksbu l-ħiliet intraprenditorjali meħtieġa, kif ukoll għal dawk l-istudenti li jridu jimxu 'l quddiem fl-industrija tal-moda.

## Entry Requirements

MCAST Advanced Diploma in Fashion and Retail  
or  
MCAST Advanced Diploma in Art and Design  
(with a textiles major project)  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Art or Graphical  
Communication or Engineering Drawing or  
Physics or Home Economics and Human  
Ecology or Fashion, Textiles and Interiors

## Other Entry Requirements

Applicants may be asked to sit for an Interview  
and/or present their Portfolio.

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Fashion production manager · Outlet layout  
designer · Fashion merchandiser · Fashion  
designer · Fashion events coordinator · Retail  
manager · Fashion marketing manager  
· Customer service manager · Brand manager  
· Fashion entrepreneur



## Bachelor in Conservation (Honours)

This full-time undergraduate course in conservation-restoration studies provides the learner with the opportunity to obtain the fundamental knowledge, skills and competences in conservation-restoration in a particular area of studies on offer. After an initial common year, learners then have the possibility to focus on a specific area. During the three years, which include practice-led formation and internships, the learner appreciates the complex nature of conservation-restoration as an interdisciplinary endeavour in which the conservation-restoration graduate collaborates with other members of a multidisciplinary team under the supervision of a warranted conservator restorer, for the benefit of the heritage. Through the final-year dissertation project of choice the learner has the opportunity to delve into further detail within the area of focus.

Learners who successfully complete this programme may enrol in the MCAST Master in Conservation, in partial fulfilment of the requirements to qualify for a warrant to practice according to the Cultural Heritage Act (CAP. 445) of the Laws of Malta.

Dan il-kors full-time fl-istudji dwar il-konservazzjoni-restawr jipprovdi lill-istudent bl-opportunità li jikseb l-għarfien, il-ħiliet u l-kompetenzi fundamentali fil-konservazzjoni u r-restawr. Wara l-ewwel sena, l-istudenti jkollhom il-possibbiltà li jiffokaw fuq qasam speċifiku. Tul it-tliet snin li jinkludu formazzjoni mmexxija mill-prattika u apprendistati, l-istudent japprezza n-natura kumplessa tal-konservazzjoni u r-restawr bħala sforz interdixxiplinarju li fih il-gradwat fil-konservazzjoni u r-restawr jikkollabora ma' membri oħra ta' tim multidixxiplinarju taħt is-superviżjoni tal-konservatur-restawratur b'warrant, għall-ġid tal-wirt storiku. Permezz tal-proġett tal-aħħar sena, l-istudent għandu l-opportunità li jidhol f'aktar dettall fi ħdan qasam speċifiku.

Studenti li jtemmu dan il-programm b'suċċess jistgħu jinkitbu għall-Master in Conservation tal-MCAST, bi twettiq parzjali tar-rekwiziti biex jikkwalifikaw għal warrant biex jipprattikaw skont l-Att dwar il-Patrimonju Kulturali (KAP. 445) tal-Liġijiet ta' Malta.

### Entry Requirements

MCAST Advanced Diploma in Cultural Heritage Skills\*

or

MCAST Advanced Diploma in Masonry Heritage Skills (Mastru)\*

or

any MCAST Advanced Diploma

or

2 A-Level passes and 2 I-Level passes.

\* Students progressing from the MCAST Advanced Diploma in Cultural Heritage Skills and MCAST Advanced Diploma in Masonry Heritage Skills will be given preference in cases where the number of applicants exceeds the number of available places.

### Course Duration

3 Years Full-time

### Mode

Internship and Live Cases

### MQF Level

6

### Credits

180 ECTS

### Career Opportunities

Assistant conservator-restorer in the heritage sector

### Other Entry Requirements

Applicants may be asked to sit for an Interview and/or present their Portfolio.

# Master of Arts in Product Design

This postgraduate degree programme develops the artistic and humanistic skills belonging to the design culture together with the technical know-how that relates to production technology, materials and manufacturing costs. It strives to meet the need of operating in a worldwide landscape of heightened competition where the designer can increase the value of a consumer product by creating innovation – in both aesthetics and usability – that takes advantage of available technologies and ever-changing consumer lifestyles. Candidates will build an improved critical capability to explore contemporary design languages, focus on experimentation with innovative interdisciplinary technologies and materials from preliminary concept to finish, and focus on understanding and developing sustainable production and consumption processes.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Dan il-programm post-lawrja jiżviluppa l-ħiliet artistici u umanistiċi li jappartjenu lill-kultura tad-disinn, flimkien ma' għarfien espert tekniku li jirrigwarda t-teknoloġija tal-produzzjoni, il-materjali u l-ispejjeż tal-manifattura. Il-programm ifittex li jissodisfa l-ħtieġa tal-operat f'pajsaġġ dinji ta' kompetizzjoni qawwiya, fejn id-disinjatur jista' jgħolli l-valur ta' prodott għall-konsumatur billi joħloq innovazzjoni – kemm fl-estetika kif ukoll fl-użu – li tiegħu vantaġġ mit-teknoloġiji disponibbli u l-istili ta' ħajja tal-konsumatur li dejjem jinbidlu. Il-kandidati jiżviluppaw kapaċità kritika aħjar biex jesploraw lingwi tad-disinn kontemporanji, jiffokaw fuq esperimentazzjoni b'teknoloġiji interdixiplinari u materjali innovattivi mill-kuncett preliminari sat-tlestija, u jiffokaw fuq l-għarfien u l-iżvilupp ta' proċessi ta' produzzjoni u konsum sostenibbli.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

MCAST Bachelor of Arts (Honours) in Product Design

or

a comparable first degree (MQF Level 6 at 180 ECTS or more)

or

achieved an equivalent professional work

experience in a related field of product design.

Candidates will also need to be able to show evidence of professional skills and abilities in the area of product design that they want to focus on.

## Course Duration

PT 5 Semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

## Other Entry Requirements

MQF Level 5 qualification and adequate professional experience are also considered.

# Master in Conservation

This postgraduate programme in conservation-restoration studies provides a former graduate in conservation-restoration studies the opportunity to obtain specialist knowledge, skills and competences in conservation-restoration in a particular area of studies on offer. While the programme offers some units which are common to all participants, other units focus on a specific area. During the five semesters, which include practice-led projects of a complexity commensurate to such a level of professional formation, the learner will complete formal education in conservation-restoration according to national and international standards. Moreover, through the research project of choice, the learner will engage in specialist research that contributes to the sector in a particular area of conservation-restoration. For this reason, the specialisation selected at this level shall be related to that studied at undergraduate level.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Dan il-programm post-lawrja fl-istudji tal-konservazzjoni-restawr jipprovdi opportunità biex l-istudent jikseb l-għarfien, il-ħiliet u l-kompetenzi speċjalizzati fil konservazzjoni-restawr f'qasam partikolari ta' studji offruti. Filwaqt li l-programm joffri xi unitajiet li huma komuni għall-kandidati kollha, unitajiet oħra jiffokaw fuq qasam speċifiku. Matul il-ħames semestri li jinkludu proġetti ta' prattika b'kumplessità addatta għal-livell ta' formazzjoni professjonali, l-istudent se jsegwi edukazzjoni formali fil-konservazzjoni-restawr skont standards nazzjonali u internazzjonali. Barra minn hekk, permezz tal-proġett tar-riċerka l-istudent se jagħmel riċerka speċjalizzata li tikkontribwixxi għas-settur f'qasam partikolari ta' konservazzjoni-restawr. Għal din ir-raġuni, l-ispeċjalizzazzjoni magħżula f'dan il-livell għandha tkun relatata ma' dik segwita fil-livell ta' baċcellarat.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

MCAST Bachelor in Conservation (Honours)  
or  
a comparable first degree (MQF Level 6 at 180 ECTS or more) awarded by a recognised institution.

## Course Duration

PT 5 Semesters

## MQF Level

7

## Mode

Blended

## Credits

90 ECTS

## Career Opportunities

Conservator-restorer in the heritage sector following a warranting process

# Master in Creative Media and Enterprise

This postgraduate programme in Creative Media and Enterprise focuses on the challenging and intriguing relationship between Creative Media Production and Strategic Media Enterprise. This Master's programme is designed to give learners the opportunity to develop their own envisaged idea for a Creative Media Enterprise and making it a reality. Learners will be given the opportunity to work in a chosen field of Creative Media Practice while developing a solid theoretical understanding of practices and operations in the creative and cultural industries. They will learn about the objectives of creative and cultural policies, the implications of intellectual property and best practices to develop and run own Creative Media business start-up. This course will also allow learners to up and run their own successful Creative Media Enterprise regardless of whether they intend to set up their own practice or are already working in an established business enterprise.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Dan il-programm fil-livell ta' Master fil-Midja Kreattiva u l-Intrapriża jiffoka fuq ir-relazzjoni mimlija sfida bejn il-Produzzjoni tal-Midja Kreattiva u l-Intrapriża tal-Midja Strategika. Dan il-programm fil-livell ta' Master huwa mfassal biex jagħti lill-istudenti l-opportunità li jiżviluppaw u jwettqu l-ideat tagħhom għall-Intrapriża tal-Midja Kreattiva. L-istudenti se jingħataw l-opportunità li jaħdmu f'qasam li jagħzlu ta' Prattika tal-Midja Kreattiva filwaqt li jiżviluppaw fehim teoretiku sod tal- prattika u l-operat fl-industriji kreattivi u kulturali. Huma se jitgħallmu dwar l-għanijiet tal-politika kreattiva u kulturali, l-implikazzjonijiet tal-proprietà intellettuali u l-aħjar prattika biex jiżviluppaw u jmexxu start-up fil-qasam tal-Midja Kreattiva. Dan il-kors se jippermetti wkoll lill-istudenti jmexxu l-Intrapriża tal-Midja Kreattiva kemm għandhom il-ħsieb li jistabbilixxu n-negozju tagħhom u kemm jekk diġà jaħdmu f'intrapriża kummerċjali stabbilita.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

MCAST Bachelor of Arts (Honours) in Creative Media Production  
or  
a comparable first degree (MQF Level 6 at 180 ECTS or more)  
or  
achieved an equivalent professional work experience in a field of creative media practice. Candidates will also need to be able to show evidence of professional skills and abilities in the area of media practice that they want to focus on.

## Course Duration

PT 5 Semesters

## Mode

Blended

## MQF Level

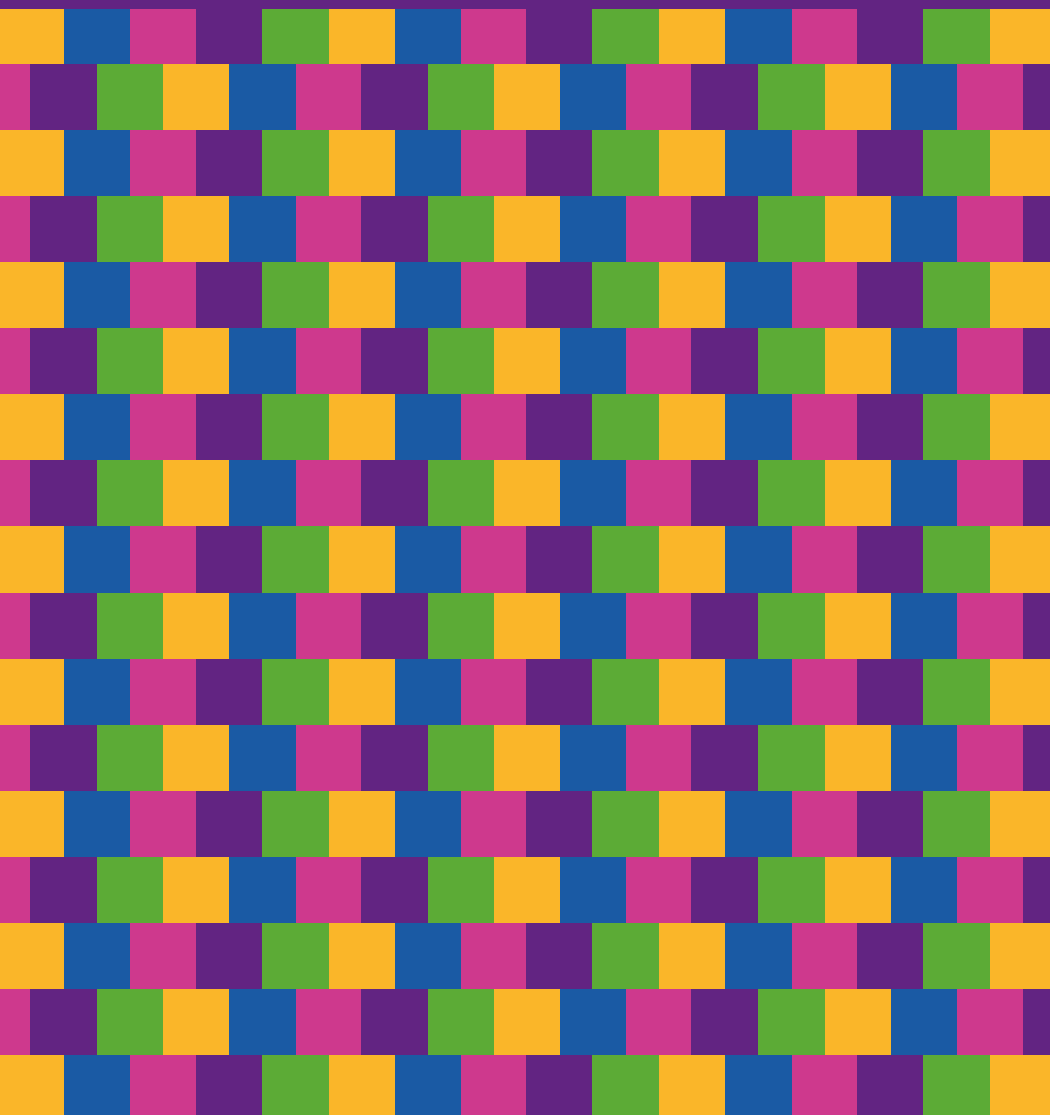
7

## Credits

90 ECTS

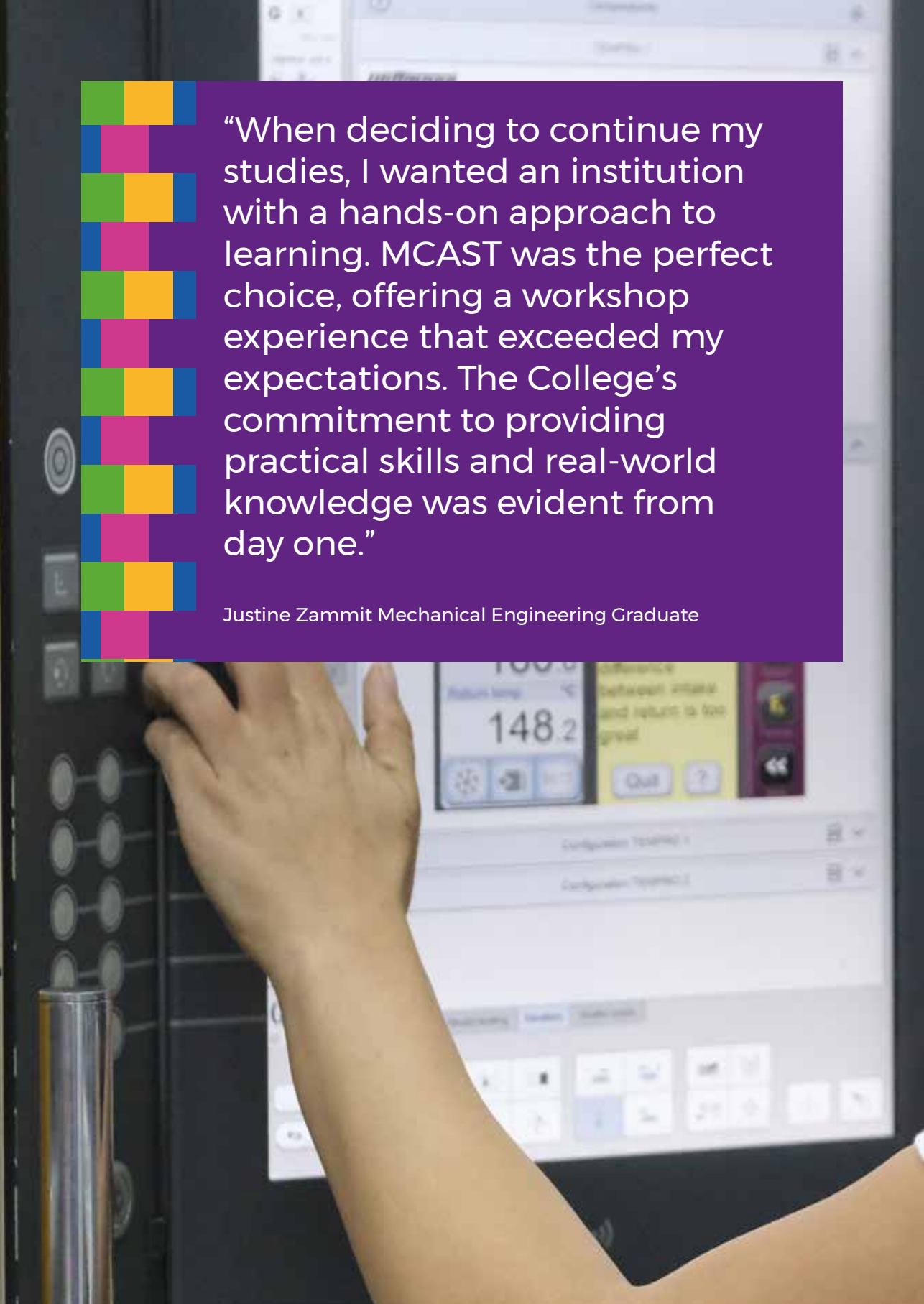


# ENGINEERING AND TRANSPORT



# Courses

176	Introductory Certificate in Trade Skills
177	Foundation Certificate in Engineering
178	Foundation Certificate in Construction Engineering
180	ALP+ Extended Diploma in Automotive Repair (Body and Paint)
181	ALP+ Extended Diploma in Light Vehicle Servicing
183	Diploma in Automotive Repair (Body and Paint)
184	Diploma in Light Vehicle Servicing
185	Advanced Diploma in Light Vehicle Maintenance
186	Undergraduate Diploma in Auto Electronics and Electrical Technology
188	ALP+ Extended Diploma in Heating, Ventilation and Air Conditioning
189	ALP+ Extended Diploma in Welding and Fabrication
190	ALP+ Extended Diploma in Joinery and Furniture Making
191	Diploma in Aircraft Maintenance (incorporating EASA Part-66 Category A Basic Course)
192	Diploma in Aircraft Structures and Repairs
193	Diploma in Aviation, Flight and Cabin Operations
194	Advanced Diploma in Aircraft Maintenance (Aeroplanes - Turbine Engines)
195	Advanced Diploma in Aircraft Maintenance (Avionics)
196	Advanced Diploma in Aviation, Flight and Cabin Operations
198	Advanced Diploma in Transportation, Logistics and Supply Chain Management
199	Higher Diploma in Transportation Logistics and Supply Chain Management
201	Diploma in Heating, Ventilation and Air- Conditioning
202	Diploma in Joinery and Furniture Making
203	Diploma in Welding and Fabrication
204	Advanced Diploma in Joinery, Furniture Design and Manufacturing
205	Advanced Diploma in Welding and fabrication
206	Advanced Diploma in Heating, Ventilation and Air Conditioning
207	ALP+ Extended Diploma in Construction Engineering
208	ALP+ Extended Diploma in Maosnry Heritage Skills
210	Diploma in Construction Engineering
211	Diploma in Masonry Heritage Skills (Sewwej)
212	Advanced Diploma in Masonry Heritage Skills (Mastru)
213	Advanced Diploma in Construction Engineering
214	Higher Diploma in Masonry Heritage Skills (Kapumastru)
215	Undergraduate Diploma in Occupational Health and Safety
216	Bachelor of Science (Honours) in Quantity Surveying
218	Bachelor of Science (Honours) Civil & Structural Engineering
219	ALP+ Extended Diploma in Mechanical Engineering
220	Diploma in Mechanical Engineering
221	Advanced Diploma in Operations and Maintenance
222	Advanced Diploma in Manufacturing
223	Bachelor of Engineering (Honours) in Mechanical Engineering ( Manufacturing)
224	Bachelor of Engineering (Honours) in Mechanical Engineering ( Plant)
225	Extended Diploma in Engineering ( Electronics)
226	Extended Diploma in Electrical Installations
227	Diploma in Electrical Installations
228	Diploma in Engineering (Electronics)
229	Advanced Diploma in Robotics, Drone Technology, Automation and Artificial Intelligence
230	Advanced Diploma in Industrial Electronics
231	Advanced Diploma in Electrical Systems
232	Undergraduate Diploma in Foundations of Engineering
233	Bachelor of Engineering (Honours) in Electronics and Control Engineering
234	Bachelor of Engineering (Honours) in Electronics Engineering
235	Diploma in Deck Operations
236	Advanced Diploma in Deck Operations (also leading to OIC Navigational Watch)
238	Chief Mate
239	Advanced Diploma in Marine Engineering
240	Bachelor of Science (Honours) in Marine Engineering
242	Master of Science in Mechanical Engineering and Sustainable Technology
243	Master of Science in Aerospace Engineering
244	Master of Science in Mechatronics
245	Master of Science in High Performance Buildings



“When deciding to continue my studies, I wanted an institution with a hands-on approach to learning. MCAST was the perfect choice, offering a workshop experience that exceeded my expectations. The College’s commitment to providing practical skills and real-world knowledge was evident from day one.”

Justine Zammit Mechanical Engineering Graduate





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## Introductory Certificate in Trade Skills

This programme provides an opportunity to school leavers who have not yet attained a Level 2 secondary level to explore underpinning principles of common engineering skills. This programme incorporates both key skills and vocational units with an applied hands-on approach. Most of the learning is done in a workshop to enhance the learning experience of students. By the end of this course, learners will be exposed to a wide range of Engineering sectors with a mixture of theory and practice work applied through a series of simple projects. It will also help learners to strengthen their grasp of basic key skills including Mathematics, English, Maltese, Information Technology, Science and CSR

Dan il-programm jipprovdi opportunità lil dawk l-istudenti li temmew l-iskola sekondarja iżda għadhom ma laħqux livell sekondarju fil-livell 2, biex jesploraw il-prinċipji f'ħiliet bażici tal-inġinerija. Dan il-programm jinkorpora kemm ħiliet ewlenin kif ukoll ħiliet vokazzjonali b'metodu prattiku applikat. Ħafna mit-tagħlim isir f'workshops biex titjeb l-esperjenza tat-tagħlim tal-istudenti. Meta jtemmu l-kors, l-istudenti se jkunu ġew esposti għal firxa wiesgħa ta' setturi tal-Inġinerija li tinkludi kemm teorija u xogħol prattiku applikat permezz ta' serje ta' proġetti sempliċi, Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-ħiliet ewlenin, bħall-Matematika, l-Ingliż, il-Malti, it-Teknoloġija tal-Infommazzjoni, ix-Xjenza, u CSR.

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### Entry Requirements

Finished compulsory education  
Initial Assessment Tests (as may be applicable)

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### Course Duration

1 Year Full-time

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### MQF Level

1

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### Credits

40 ECTS

# Foundation Certificate in Engineering

This course is designed to provide an opportunity to prospective learners to follow a structured programme of study in Engineering. The programme includes a significant amount of hands-on practice, project-based learning and industry-related activities that will help learners form a clear idea of the nature of the engineering trade or vocation they intend to follow. This one-year Level 2 programme provides a broad introduction to basic theoretical concepts and practical skills in Mechanical, Electrical and Electronics Engineering and is suitable for those learners intending to start and further their studies in Engineering. Key skills subjects also form an integral part of this programme, giving learners the opportunity to nurture their competences in key areas: English, Maltese, Mathematics, Science, Information Technology.

Dan il-kors huwa mfassal biex jipprovdi lill-istudenti prospettivi l-opportunità li jsegwu programm strutturat ta' studju fl-Inginerija. Il-programm jinkludi ammont sewwa ta' prattika diretta, tagħlim ibbażat fuq proġetti u attivitajiet relatati mal-industrija, li jgħinu lill-istudenti jiffurmaw idea ċara tan-natura tas-sengħa jew tal-vokazzjoni fil-qasam tal-Inginerija li huma jixtiequ jaqdbu. Dan il-programm ta' sena f'Livell 2, jipprovdi introduzzjoni wiesgħa għall-kunċetti teoretici bażiċi u l-ħiliet prattiċi fl-Inginerija Mekkanika, Elettrika u Elettronika, u huwa tajjeb għal dawk l-istudenti li għandhom l-intenzjoni li jibdew u jkomplu jistudjaw l-Inginerija. Is-suġġetti ta' ħiliet ewlenin jiffurmaw ukoll parti integrali minn dan il-programm, u jagħtu lill-istudenti l-opportunità li jtejbu l-kompetenzi tagħhom fl-oqsma ewlenin: l-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# Foundation Certificate in Construction Engineering

This programme of study provides the learner with an opportunity to get acquainted with the different vocational trades related to construction engineering. The vocational practice component is based on a 'taster' approach whereby the learner will learn about the tools, materials, processes and applications relative to:

- Welding and Fabrication
- Plumbing and Electrical Installation
- Refrigeration and Air-conditioning
- Woodwork
- Trowel trades, including Restoration, Stone Masonry and Tile Laying.

Technical Drawing will complement the five vocational areas listed above. Learners will also have the opportunity to enhance their key skills, such as English, Maltese, Mathematics, Science, Information Technology and Individual and Social Responsibility, all of which will be embedded in the vocational content.

Dan il-programm ta' studju jipprovdi lill-istudent l-opportunità li jsir familjari mas-snajja' vokazzjonali differenti relatati mal-inginerija tal-kostruzzjoni. Fil-komponent tal-prattika vokazzjonali l-istudent ikollu l-opportunità li jitgħallem dwar l-għodod, il-materjali, il-proċessi u l-applikazzjonijiet relatati ma':

- L-Iwweldjar u l-Fabbrikazzjoni
- Il-Plumbing u l-Installazzjoni tal-Elettriku
- Ir-Refrigerazzjoni u l-Kondizzjonament tal-Arja
- Ix-Xogħol tal-Injam
- Is-Sengħa tat-Tikħil, inkluż ix-Xogħol ta' Restawr, ix-Xogħol tal-Ġebel u t-Tqegħid tal-Madum.

Flimkien mal-ħames oqsma vokazzjonali mnizzla hawn fuq, l-istudent jitgħallem ukoll id-Disinn Tekniku. L-istudenti jkollhom anke l-opportunità li jsaħħu l-ħiliet ewlenin tagħhom, bħall-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknologija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali, li huma kollha inkorporati fil-kontenut vokazzjonali.

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## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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## Course Duration

1 Year Full-time

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## MQF Level

2

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## Credits

60 ECTS



# ALP+ Extended Diploma in Automotive Repair (Body and Paint)

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to automotive repair. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the automotive sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme is intended for learners with or without knowledge and experience of the automotive industry. Learners will learn how to work on vehicle accident repair tasks on body work under minimal supervision. The course will also provide the learners with the skills required to carry out paint repairs to the manufacturers' specifications. They will thus gain a combination of theoretical knowledge and practical skills in automotive accident repair (panel beating) together with body paint principles. Learners will be expected to carry out effective housekeeping practices to work effectively within the automotive industry. They will also learn how to work safely when carrying out removal and replacement of exterior vehicle panels and paint jobs. Learners will also be expected to improve their knowledge of key skills subjects such as Mathematics, English, Maltese, and Information Technology.

Dan il-kors huwa mmirat għal studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mat-tiswija tal-karozzi. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għall-impjieg fil-livell ta' assistent tekniku fl-industrija tal-karozzi. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħinu biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wiehed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-programm huwa intiż għal studenti li jkollhom, u wkoll għal dawk li ma jkollhomx, għarfien ta' u esperjenza fl-industrija tal-karozzi. L-istudenti jittgħallmu jagħmlu, bi ftit superviżjoni, xogħlijiet ta' tiswija fuq il-body ta' karozzi li jkunu involuti f'incident tat-traffiku. Il-kors jipprovdi wkoll lill-istudenti l-ħiliet meħtieġa biex iwettqu tiswijiet fir-rigward taż-żebgħa, f'konformità mal-ispeċifikazzjonijiet tal-fabbrika. Hekk, huma jiksibu taħlita ta' għarfien teoretiku u ħiliet prattiċi fir-rigward tat-tiswija tal-karozzi li jkunu involuti f'incident tat-traffiku (jiġifieri jtellgħu d-daqqiet [panel beating]) flimkien mal-prinċipji bażiċi taż-żebgħa. Huwa mistenni li l-istudenti jwettqu prattiċi effettivi ta' tindif intern biex ikunu jistgħu jaħdmu tajjeb fl-industrija tal-karozzi. Huma jittgħallmu kif jaħdmu b'mod sikur meta jneħħu u jbiddu l-pjanċi esterni tal-karozza u waqt ix-xogħlijiet ta' żebgħa. L-istudenti jkunu mistennija wkoll li jtejbu l-għarfien tagħhom fis-suġġetti ta' ħiliet ewlenin bħall-Matematika, l-Ingliż, il-Malti, u t-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Light Vehicle Servicing

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to motor vehicle engineering and maintenance. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the light vehicle servicing sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme is intended for learners who would like to start developing a strong grounding in the field of motor vehicle engineering and maintenance. Through the various aspects of training that this course provides, learners should be able to gain a good understanding of the basic systems found in light vehicles and how to handle tools safely. Learners will also develop the essential skills of the trade, including the carrying out of basic routine checks, the replacement of parts as required in the periodic servicing of vehicles, and the maintenance of appropriate service records. In this programme, learners will also follow studies in key skills subjects, such as English, Maltese, Mathematics, and Information Technology.

Dan il-kors huwa mmirat għal studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-qasam tal-inginerija u l-manutenzjoni ta' vetturi bil-mutur. Dan il-kors jiffoka fuq l-għarfien u l-hiliet meħtieġa biex eventwalment iwasslu għall-impjeg fil-livell ta' assistent tekniku fl-industrija tal-servizz tal-vetturi iż-zgħar. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħinu biex dawn ikollhom l-għarfien u l-hiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-programm huwa maħsub għal studenti li jixtiequ jibdeu jiżviluppaw bażi soda fil-qasam tal-inginerija u l-manutenzjoni ta' vetturi bil-mutur. Permezz tad-diversi aspetti tat-taħriġ ipprovduti matul dan il-kors, l-istudenti għandhom ikunu kapaċi jiksbu fehim tajjeb tas-sistemi bażiċi li wieħed isib f'vetturi żgħar, kif ukoll kif jużaw l-ghodda relatata b'mod sikur. L-istudenti jiżviluppaw ukoll il-hiliet essenzjali tas-sengħa biex jagħmlu kontrolli bażiċi ta' rutina, jibdlu parts kif meħtieġ fis-servisjar perjodiku tal-vetturi, u jzommu rekords xierqa tas-service. F'dan il-programm, l-istudenti jsegwu wkoll studji fir-rigward tas-sugġetti tal-hiliet ewlenin, bħall-Ingliż, il-Malti, il-Matematika u it-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3





# Diploma in Automotive Repair (Body and Paint)

This programme is intended for learners with or without knowledge and experience of the automotive industry. Learners will learn how to work on vehicle accident repair tasks on body work under minimal supervision. The course will also provide the learners with the skills required to carry out paint repairs to the manufacturers' specifications. They will thus gain a combination of theoretical knowledge and practical skills in automotive accident repair (panel beating) together with body paint principles. Learners will be expected to carry out effective housekeeping practices to work effectively within the automotive industry. They will also learn how to work safely when carrying out removal and replacement of exterior vehicle panels and paint jobs. Learners will also be expected to improve their knowledge of key skills subjects such as Mathematics, English, Maltese, Information Technology.

Dan il-programm huwa intiż għal studenti li jkollhom, u wkoll għal dawk li ma jkollhomx, għarfien ta' u esperjenza fl-industrija tal-karozzi. L-istudenti jitgħallmu jagħmlu, bi ftit superviżjoni, xogħlijiet ta' tiswija fuq il-body ta' karozzi li jkunu involuti f'incident tat-traffiku. Il-kors jipprovdli wkoll lill-istudenti l-ħiliet meħtieġa biex iwettqu tiswijiet fir-rigward taż-żebgħa, f'konformità mal-ispeċifikazzjonijiet tal-fabbrika. Hekk, huma jiksbu taħlita ta' għarfien teoretiku u ħiliet prattiċi fir-rigward tat-tiswija tal-karozzi li jkunu involuti f'incident tat-traffiku (jiġifieri jtellgħu d-daqqiet [panel beating]) flimkien mal-prinċipji bażiċi taż-żebgħa. Huwa mistenni li l-istudenti jwettqu prattiċi effettivi ta' tindif intern biex ikunu jistgħu jaħdmu tajjeb fl-industrija tal-karozzi. Huma jitgħallmu kif jaħdmu b'mod sikur meta jneħħu u jbiddu l-pjanċi esterni tal-karozza u waqt ix-xogħlijiet ta' żebgħa. L-istudenti jkunu mistennija wkoll li jtejbju l-għarfien tagħhom fis-suġġetti ta' ħiliet ewlenin bħall-Matematika, l-Ingliż, il-Malti, it-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

1 Year Full-time

## MQF Level

3

## Mode

Apprenticeship

## Credits

60 ECTS

## Other Entry Requirements

All applicants are asked to sit for a Medical Test  
in view of any Colour Blindness

## Career Opportunities

Car paint sprayer · Panel beater · Sprayer in the  
Aviation Industry

# Diploma in Light Vehicle Servicing

This programme is intended for learners who would like to start developing a strong grounding in the field of motor vehicle engineering and maintenance. Through the various aspects of training that this course provides, learners should be able to gain a good understanding of the basic systems found in light vehicles and how to handle tools safely. Learners will also develop the essential skills of the trade, including the carrying out of basic routine checks, the replacement of parts as required in the periodic servicing of vehicles, and the maintenance of appropriate service records. In this programme, learners will also follow studies in key skills subjects, such as English, Maltese, Mathematics, Information Technology and Individual and Social Responsibility.

Dan il-programm huwa maħsub għal studenti li jixtiequ jibdew jżviluppaw bażi soda fil-qasam tal-inġinerija u l-manutenzjoni ta' vetturi bil-mutur. Permezz tad-diversi aspetti tat-taħriġ ipprovduti matul dan il-kors, l-istudenti għandhom ikunu kapaċi jiksbu fehim tajjeb tas-sistemi bażiċi li wieħed isib f'vetturi żgħar, kif ukoll kif jużaw l-għodda relatata b'mod sikur. L-istudenti jżviluppaw ukoll il-ħiliet essenzjali tas-sengħa biex jagħmlu kontrolli bażiċi ta' rutina, jibdlu parts kif meħtieġ fis-servisjar perjodik tal-vetturi, u jżommu rekords xierqa tas-service. F'dan il-programm, l-istudenti jsegwu wkoll studji fir-rigward tas-suġġetti tal-ħiliet ewlenin, bħall-Ingliż, il-Malti, il-Matematika, it-Teknoloġija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

1 Year Full-time

## MQF Level

3

## Mode

Apprenticeship

## Credits

60 ECTS

## Career Opportunities

Light vehicle service mechanic · Light vehicle  
assistant mechanic · Assistant fitter

# Advanced Diploma in Light Vehicle Maintenance

This qualification is for candidates wanting to develop some of the essential skills and understanding in motor vehicle systems. Learners will be able to identify hazards and risks in the automotive environment and work safely with equipment, materials and products. Learners should also gain a good knowledge of tools and measuring devices as well as of routine light vehicle maintenance. Learners will be expected to develop an understanding of the construction and operation of common steering, suspension, engines and many important systems (including mechanical and electrical) as well as procedures involved in the inspection, serviceability, adjustments, removal and replacement of components and the evaluation of their performance.

Din il-kwalifika hija għal kandidati li jixtiequ jiżviluppaw xi wħud mill-ħiliet essenzjali u jitgħallmu dwar is-sistemi ta' vetturi bil-mutur. L-istudenti jkunu jistgħu jidentifikaw perikli u riskji fl-ambjent ta' karozzi u jaħdmu b'mod sikur bit-tagħmir, il-materjali u l-prodotti. L-istudenti għandhom jiksbu wkoll għarfien tajjeb tal-għodod u apparat ta' kejl, kif ukoll dwar il-manutenzjoni ta' rutina ta' vetturi żgħar. L-istudenti jkunu mistennija jifhmu kif inhuma mibnija u kif jaħdmu l-istearing, is-sistema tas-suspension u ħafna sistemi oħra importanti (inklużi dawk mekkaniċi u elettrici). Huma jitgħallmu wkoll il-proċeduri involuti fl-ispezzjoni, is-servisjar, l-aġġustamenti, it-tneħħija u t-tibdil ta' komponenti u l-evalwazzjoni tal-prestazzjoni tagħhom.

## Entry Requirements

Any MCAST MQF Level 3 Diploma  
or

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Engineering  
Technology or Design and Technology or  
Chemistry or Mathematics or Physics

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Motor vehicle technician

# Undergraduate Diploma in Auto Electronics and Electrical Technology

The course is intended for qualified automotive technicians seeking to broaden their knowledge on Electric Vehicles and Hybrids. Students start from the fundamentals and concepts of electrical and electronic systems. Subsequently they are then gradually introduced to the advanced theory of Auto electrical and electronic control systems and microprocessor control systems. The course delves into the theory of Electrical Vehicles and Hybrids, including electrical machines, power electronics, and the different energy sources available on the market. The course also provides hands-on experience using diagnostic approaches that help students troubleshoot potential integration problems. Learners are also instructed to work with various electronics equipment and become familiar with various computer-controlled systems, diagnostic software test equipment and tooling.

Dan il-kors huwa mmirat għal teknixins tal-karozzi li qed ifittxu li jkabbru l-għarfien tagħhom dwar il-Vetturi li jaħdmu bl-Elettriku u dawk Ibridi. Il-programm ta' studju jibda bil-prinċipji fundamentali u l-kunċetti tas-sistemi tal-elettriku u dawk elettronici. Sussegwentement imbagħad l-istudenti jiġu introdotti gradwalment għat-teorija avanzata tas-sistemi ta' kontroll elettrici u elettronici fil-Vetturi, kif ukoll għas-sistemi ta' kontroll ibbażati fuq il-mikroproċessuri. Il-kors jitratta t-teorija li tirrigwarda l-Vetturi li jaħdmu bl-Elettriku u dawk Ibridi, inkluż il-magni li jaħdmu bl-elettriku, elektronika ta' vultaġġ għoli, u s-sorsi ta' enerġija differenti li jinstabu fis-suq. L-istudenti jitharrġu wkoll fis-sejbien ta' soluzzjonijiet għal problemi ta' integrazzjoni li jistgħu jinqalgħu f'Vetturi li jaħdmu bl-Elettriku u dawk Ibridi. L-istudenti jitgħallmu jaħdmu b'apparat elettroniku differenti u jsiru familjari ma' diversi sistemi kkontrollati mill-kompjuter, software djanjostiku użat għall-ittestjar, u għodod oħra.

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## Entry Requirements

Any MCAST MQF Level 4 (120 ECTS)  
Advanced Diploma Certificate in an Engineering field  
or  
2 A-Level passes and 2 I-Level passes

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## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

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## Course Duration

1 Years Full-time

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## Mode

Apprenticeship

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## MQF Level

5

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## Credits

60 ECTS

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## Career Opportunities

Hybrid and electrical vehicle service technician



# ALP+ Extended Diploma in Heating, Ventilation and Air Conditioning

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to heating, ventilation and air-conditioning. This course focuses on the knowledge and skills required for eventual employment at the assistant technician level in the heating, ventilation and air-conditioning sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This course provides learners with the essential knowledge related to heating, ventilation and air-conditioning (HVAC). It will enable learners to work as assistant technicians engaged in servicing and carrying out maintenance on refrigeration compressors, condensers, evaporators and other accessories. Practical training is carried out in workshops equipped to industry standards. Learners are expected to participate individually and in teams to operate refrigeration and air conditioning equipment. This course also provides learners with the opportunity to further develop their knowledge of key skills in subjects such as Mathematics, Science, English, Maltese, and Information Technology.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mat-tiġin, il-ventilazzjoni u l-kondizzjonament tal-arja. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tat-tiġin, il-ventilazzjoni u l-kondizzjonament tal-arja. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-kors jipprovdi lill-istudenti għarfien essenzjali relatat mat-tiġin, il-ventilazzjoni u l-kondizzjonament tal-arja (HVAC). Dan jippermetti lill-istudenti jaħdmu bħala assistenti li jagħmlu is-servicing u t-tweġiq ta' manutenzjoni fuq kompressuri tar-refriġerazzjoni, kondensaturi, evaporaturi u aċċessorji oħra. It-taħriġ Prattiku jsir f'workshops attrezzati skont l-istandards tal-industrija. L-istudenti huma mistennija li jipparteċipaw b'mod individwali u f'timijiet biex iħaddmu tagħmir tar-refriġerazzjoni u tal-kondizzjonament tal-arja. Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Inglijż, il-Malti, u t-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Years Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Welding and Fabrication

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to welding and fabrication. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the welding and fabrication sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This Apprenticeship course combines theoretical knowledge with practical training, both in College-based industrial workshops and in industry-based apprenticeships. Learners will be expected to participate individually and in teams to fabricate welded products. Learners will have the opportunity to use hand and power tools as well as welding sets, giving particular attention to health and safety considerations. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, and Information Technology.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-iwweldjar u fabbrikazzjoni. Dan il-kors jiffoka fuq l-għarfien u l-hiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-welding u l-fabbrikazzjoni. L-esperjenza prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispiċċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-hiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-kors ta' Apprendistat jikkombina l-għarfien teoretiku mat-taħriġ prattiku, kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll waqt l-apprendistat fl-industrija. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jiffabbrikaw prodotti vvelldjati. L-istudenti jkollhom l-opportunità li jużaw għodod tal-idejn u tal-elettriku, kif ukoll settijiet tal-iwweldjar, filwaqt li tingħata attenzjoni partikolari għal kunsiderazzjonijiet tas-saħħa u s-sigurtà. Dan il-kors jipprovi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-hiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Inglijż, il-Malti, u t-Teknoloġija tal-Infurmazzjoni.

## Entry Requirements

Entry requirements: Any MQF Level 3 (minimum 60 ECTS) Diploma

or

4 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

2 Years Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Joinery and Furniture Making

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to joinery and fabrication. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the joinery and furniture-making sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This course of study includes theoretical knowledge and practical training both in College-based industrial workshops and also on work placements. Technical and practical lessons cover measuring, cutting, preparing and assembling timber and timber board products to make interior fittings such as kitchen cabinets, doors and window frames. The learners will be expected to participate individually and in teams to produce simple products from solid wood and composite materials. Learners will be trained in the practical handling of hand and power tools and simple woodworking machines. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, and Information Technology.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat max-xogħol tal-injam u l-fabbrikazzjoni. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tax-xogħol tal-injam u tal-manifattura tal-għamara. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-kors ta' studju jinkludi għarfien teoretiku u taħriġ Prattiku kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll waqt esperjenzi ta' xogħol. Il-lezzjonijiet tekniċi u Prattici jinkludu l-kejl, il-qtugħ, it-thejjija u l-armor ta' prodotti tal-injam u bordijiet tal-injam biex isiru fittings tad-djar, bħal kċejjen, bibien u twieqi. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jipproduċu prodotti sempliċi minn materjali ta' injam mastizz u materjali komposti. L-istudenti jiġu mħarrġa fl-użu Prattiku ta' għodod tal-idejn u tal-elettriku u magni sempliċi tax-xogħol tal-injam. Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Inglijż, il-Malti, u t-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Years Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



# Diploma in Aircraft Maintenance (incorporating EASA Part-66 Category A Basic Course)

This programme is designed specifically to equip learners with the necessary theoretical understanding of aircraft maintenance and related systems and is backed by practical experience in dedicated workshops at mechanic level. The course incorporates the EASA Part-66 Category A basic course which will allow a student to sit for the licence examinations. Also, subject to authorisation by the Part-145 Organisation, the licence will permit the holder to issue Certificates of Release to Service following minor scheduled works that may include line maintenance, defect rectification and component changes.

Dan il-programm huwa mfassal b'mod speċifiku biex jipprovdi lill-istudenti l-għarfien teoretiku neċessarju dwar sistemi ta' manutenzjoni ta' inġenji tal-ajru u sistemi relatati oħra. Dan huwa msaħħaħ b'esperjenza Prattika fil-livell ta' mekkanik, f'workshops apposta. Il-kors jista' jwassal biex student jikseb il-liċenzja EASA Part-66 Category A u, bis-saħħa tagħha, jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, huwa jkun jista' joħroġ Certificates of Release to Service wara xogħlijiet skedati żgħar li jistgħu jinkludu l-manutenzjoni tal-linja, ir-rettifikazzjoni ta' difetti u l-bdil ta' komponenti.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Physics

## Career Opportunities

Line maintenance mechanic · Workshop  
mechanic

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

3

## Credits

60 ECTS

# Diploma in Aircraft Structures and Repairs

This MCAST diploma is intended to train the learner in competences related to Aircraft Structures and Repairs which are essential for structure repair mechanics. This training course will include Basic Aircraft Sheet Metal, Structures Repair Procedures and Human Factors, amongst other modules. It is divided into three main areas, namely: the theoretical element, the practical experience and on-the-job exposure. This is an opportunity for individuals to commence or develop their career in the aviation industry.

Din id-diploma tal-MCAST hija maħsuba biex tħarreġ lill-istudenti fil-kompetenzi relatati mal-Istrutturi u t-Tiswijiet tal-Ajurplani, li huma essenzjali għall-mekkaniks li jaħdmu f'dan ix-xogħol. Dan il-kors ta' taħriġ jinkludi Basic Aircraft Sheet Metal (Xogħol Bażiku fuq Pjanċi tal-Metall tal-Ajurplani), Structures Repair Procedures (Proċeduri ta' Tiswija tal-Istrutturi) u Human Factors (Fatturi Umani), fost unitajiet oħrajn. Il-programm huwa maqsum fi tliet oqsma ewlenin: l-element teoretiku, l-esperjenza Prattika u t-taħriġ fuq il-post tax-xogħol. Din hija opportunità għal dawk l-individwi li jixtiequ jibdeu jew jiżviluppaw il-karriera tagħhom fl-industrija tal-avjazzjoni.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes  
Applicants already in possession of passes in Part-66 Aircraft Mechanic Category A modules will also be considered.

## Course Duration

1 Years Full-time

## MQF Level

3

## Mode

Apprenticeship

## Credits

60 ECTS

## Career Opportunities

Aircraft structure repair assistant mechanic

# Diploma in Aviation, Flight and Cabin Operations

This course is designed to provide the learner with basic knowledge and skills to start a career in the aviation industry, such as customer service personnel, passenger and baggage handling, and in-ground services within the airport and may also lead to a position as a cabin crew\* subject to further training. The course covers a range of topics, including aviation safety & security, emergency procedures, customer service, and communication skills. This course also trains students on different aspects of air travel, including airport operations, ground and RAMP handling services, and cabin operations. After completing this course, the learner can further their studies at MCAST within the aviation industry by choosing either the Advanced Diploma in Aviation, Flight and Cabin Operations or the Advanced Diploma in Transportation, Logistics and Supply Chain Management, or else they can start to work in various positions within the aviation industry.

\*Cabin crew attestation not included.

Dan il-kors huwa ddisinjat biex jipprovdi lill-istudenti għarfien u ħiliet bażiċi biex jibdew karriera fl-industrija tal-avjazzjoni, bħala impjegati li jieħdu ħsieb tas-servizz tal-konsumatur, l-immaniġġjar tal-passiġġieri u tal-bagalji, is-servizzi tal-art fl-ajruport u dan il-kors jista' jwassal ukoll għal pożizzjoni bħala ekwipaġġ tal-kabina\* wara aktar taħriġ. Il-kors ikopri firxa ta' suġġetti inklużi s-sigurezza u s-sigurtà tal-avjazzjoni, il-proċeduri ta' emerġenza, is-servizzi għall-konsumatur, u ħiliet ta' komunikazzjoni. Dan il-kors iħarreg ukoll lill-istudenti dwar aspetti differenti tal-ivvjaġġar bl-ajru, inklużi l-operazzjonijiet tal-ajruport, is-servizzi ta' ground u RAMP handling, u l-operat tal-kabina. Wara li jtemmu dan il-kors, l-istudenti jistgħu jkomplu l-istudji tagħhom fl-MCAST fi ħdan l-industrija tal-avjazzjoni billi jagħzlu jew l-Advanced Diploma in Aviation, Flight and Cabin Operations jew l-Advanced Diploma in Transportation, Logistics and Supply Chain Management, jew jistgħu jibdew jaħdmu f'diversi pożizzjonijiet fl-industrija tal-avjazzjoni.

\*L-attestazzjoni tal-ekwipaġġ tal-kabina mhux inkluża.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Students are expected to wear a uniform while training at MCAST.

## Course Duration

1 Year Full-time

## Mode

Apprenticeship

## MQF Level

3

## Credits

60 ECTS

## Career Opportunities

Customer service personnel · Passenger and baggage handling · In-ground services

# Advanced Diploma in Aircraft Maintenance (Aeroplanes – Turbine Engines)

This programme is designed to equip learners with the necessary theoretical knowledge of aircraft maintenance and related mechanical systems at technician level. This is also backed by practical experience in our workshops. Learners attending this course will be prepared to sit for the relative examinations organised by awarding bodies, and which may lead to being awarded the EASA Part-66 Category B1.1 licence. Subject to authorisation by the Part-145 Organisation, the licence will permit the holder to issue Certificates of Release to Service following scheduled works that may include line maintenance, defect rectifications, aircraft structure, power plants and mechanical and electrical systems. Throughout the course, Civil Aviation Directorate examination fees will be paid by the learner.

This course is a highly innovative programme in the sector and gives the learner the opportunity to obtain an Advanced Diploma apart from sitting for the EASA examinations. Successful learners can then progress to the Level 5 Undergraduate Diploma in Foundations of Engineering which will allow them to have access to the IET BEng in Mechanical Engineering or Electronics.

Dan il-programm huwa mfassal biex jipprovdi lill-istudenti l-għarfien teoretiku neċessarju dwar is-sistemi ta' manutenzjoni tal-ajruplani u sistemi mekkaniċi oħra relatati fil-livell ta' teknixin. Dan huwa msaħħaħ ukoll b'esperjenza Prattika fil-workshops tagħna. L-istudenti li jattendu dan il-kors jithejjew għall-eżamijiet relattivi, organizzati minn istituzzjonijiet li joffru dawn il-kwalifiki, u li jistgħu jwasslu għall-għoti tal-liċenzja EASA Part-66 Category B1.1. Permezz ta' din il-liċenzja, wieħed ikun jista', jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, joħroġ Certificates of Release to Service wara xogħlijiet skedati, li jistgħu jinkludu l-manutenzjoni tal-linja, ir-rettifikazzjoni tad-difetti, l-istruttura tal-inġenji tal-ajru, l-impjanti tal-enerġija u s-sistemi mekkaniċi u elettriki. Matul il-kors, il-miżati tal-eżamijiet tad-Direttorat tal-Avjazzjoni Ċivili jithallsu mill-istudent.

Dan il-kors hu innovattiv għax studenti li jtemmu l-kors b'suċċess ikunu eliġibbli għal Diploma Avanzata apparti li jkunu jistgħu jagħmlu eżamijiet tal-EASA. Studenti li jtemmu dan il-kors b'suċċess jistgħu jipprogressaw għall-kors tal-Undergraduate Diploma in Foundations of Engineering, liema kors jagħti access għal baċcellerat fl-inġinerija.

## Entry Requirements

Any MCAST MQF level 3 Diploma delivered by the Institute of Engineering and Transport (Applicants must have obtained grades that when averaged will yield an overall Grade B) or  
Diploma in Aircraft Maintenance (incorporating EASA Part-66 Category A Basic Course) or  
EASA Part-66 Aircraft Maintenance Category A Licence Course or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics or Physics and  
Compulsory: Mathematics or Physics or Chemistry or Engineering Technology or Design and Technology

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## Career Opportunities

Base maintenance technician · Workshop technician

## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

## MQF Level

4

## Credits

120 ECTS

# Advanced Diploma in Aircraft Maintenance (Avionics)

This programme is designed to equip learners with the necessary theoretical knowledge of aircraft maintenance and related electrical and avionics systems at technician level. This is also backed by practical experience in dedicated workshops. Learners attending this course will be prepared to sit for the relative examinations organised by awarding bodies, which may lead to being awarded the EASA Part-66 Category B2 licence. Subject to authorisation by the Part-145 Organisation, the licence will permit the holder to issue Certificates of Release to Service following maintenance on electrical and avionics systems. This training programme includes work-related training and practice. Applicants have to be able to work within the industries concerned.

This course is a highly innovative programme in the sector and gives the learner the opportunity to obtain an Advanced Diploma apart from sitting for the EASA examinations. Successful learners can then progress to the Level 5 Undergraduate Diploma in Foundations of Engineering which will allow them to have access to the IET BEng in Mechanical Engineering or Electronics.

Dan il-programm huwa mfassal biex jipprovdi lill-istudenti l-għarfien teoretiku neċessarju dwar is-sistemi ta' manutenzjoni ta' inġenji tal-ajru u sistemi elettronici u avjonici oħra relatati fil-livell ta' teknixin. Dan l-għarfien huwa msaħħaħ b'esperjenza prattika f'workshops apposta. L-istudenti li jattendu dan il-kors jithejjew għall-eżamijiet relatati, organizzati minn istituzzjonijiet li joffru dawn il-kwalifiki, u li jistgħu jwasslu għall-għoti tal-liċenzja EASA Part-66 Category B2. Permezz ta' din il-liċenzja, wieħed ikun jista', jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, joħroġ Certificates of Release to Service wara xogħol ta' manutenzjoni fuq sistemi elettrici u avjonici. Dan il-programm jinkludi taħriġ u prattika relatati max-xogħol. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati. Waqt il-kors, l-istudent ikollu l-possibiltà li jikseb Diploma Avanzata, li jfisser li jkun jista' jkompli jistudja fil-livell ta' baċcellerat.

Dan il-kors hu innovattiv għax studenti li jtemmu l-kors b'suċċess ikunu eliġibbli għal Advanced Diploma apparti li jkunu jistgħu jagħmlu eżamijiet tal-EASA. Studenti li jtemmu dan il-kors b'suċċess jistgħu jipprogrressaw għall-kors tal-Undergraduate Diploma in Foundations of Engineering, liema kors jagħti aċċess għal baċcellerat fl-inġinerija.

## Entry Requirements

Any MCAST MQF level 3 Diploma delivered by the Institute of Engineering and Transport (Applicants must have obtained grades that when averaged will yield an overall Grade B) or  
Diploma in Aircraft Maintenance (incorporating EASA Part-66 Category A Basic Course) or  
EASA Part-66 Aircraft Maintenance Category A Licence Course or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics or Physics  
and  
Compulsory: Mathematics or Physics or Chemistry or Engineering Technology or Design and Technology

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## Career Opportunities

Base maintenance technician · Avionics workshop technician

## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

## MQF Level

4

## Credits

120 ECTS

# Advanced Diploma in Aviation, Flight and Cabin Operations

This study programme is designed to equip learners with the necessary understanding and an all-round introduction to the aviation industry for those who wish to further their career in one of its occupational areas. This course may lead to roles in airports such as passenger liaison, ramp work, cargo operations and ground handling, aircraft operations and customer service. The course is structured to give learners an overview of aviation operations in preparation for the specialized areas that interest career aspirations within the sector. The course covers the appropriate fundamentals for progression onto further aviation specialization in the sector. The theoretical elements are supplemented with practical elements. Successful students can progress to other higher qualification courses, such as the Higher Diploma in Transportation, Logistics and Supply Chain Management, and the Bachelor of Arts (Honours) in Business Enterprise. This course includes work related training and practice. Applicants have to be able to work within the industries concerned.

Dan il-programm ta' studju huwa mfassal biex jipprovdi l-għarfien meħtieġ u introduzzjoni ġenerali għall-industrija tal-avjazzjoni lil dawk l-istudenti li jixtiequ karriera f'wieħed mill-oqsma ta' din l-industrija. Il-programm jista' jwassal għal xogħol fl-ajruport, bħal kuntatt mal-passiġġieri, xogħol fuq ir-rampa, ħatt ta' merkanzija, xogħol fuq inġenji tal-ajru u servizz lill-klijenti. L-istruttura tal-kors tagħti lill-istudenti ħarsa ġenerali lejn is-settur tal-avjazzjoni u tippreparahom għall-oqsma speċjalizzati li huma ta' interess għal min jixtieq jagħmel karriera fl-avjazzjoni. Il-kors ikopri l-elementi fundamentali xierqa biex wieħed ikun jista' jkompli jispeċjalizza fis-settur. L-elementi teoretiċi huma msaħħa b'elementi prattiċi. L-istudenti li jirnexxu f'dan il-kors jistgħu jkomplu l-istudju tagħhom fil-Higher Diploma in Transportation, Logistics and Supply Chain Management u fil-Bachelor of Arts (Honours) in Business Enterprise. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language

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## Course Duration

2 Years Full-time

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## MQF Level

4

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## Mode

Apprenticeship

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## Credits

120 ECTS

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## Career Opportunities

Passenger check-in officer · Passenger services officer · Flight operations officer · Aircraft dispatch officer · Ground handling officer



CAUTION  
HIGH AIR TORQUE  
KEEP CLEAR

Lynn Tech

Lynn Institute

CAUTION  
HIGH AIR TORQUE  
KEEP CLEAR

# Advanced Diploma in Transportation, Logistics and Supply Chain Management

One of the core requirements of industry is the procurement, storage and dispatching of goods. In today's business world it has become imperative to effectively handle transportation and logistics. This course is intended for candidates who wish to embark on a career in this important sector. The course aims to develop professionals who are knowledgeable, technically competent and able to adapt in the transportation and logistics discipline as they embrace new technological advancements and challenges. It also prepares learners in social, entrepreneurial and leadership qualities towards tackling logistical challenges innovatively, creatively and ethically.

Successful learners can progress to the Bachelor of Arts (Honours) in Business Enterprise.

Waħda mill-ħtiġijiet ewlenin tal-industrija hija x-xiri, il-ħażna u s-safar tal-merkanzija. Fid-dinja tan-negożju tal-lum, l-għarfien dwar kif tieħu ħsieb b'mod effettiv it-trasport u l-loġistika huwa essenzjali. Dan il-kors huwa intiż għal dawk li jixtiequ jagħmlu karriera f'dan il-qasam hekk importanti. Il-kors għandu l-għan li jiżviluppa nies professjonali li għandhom l-għarfien meħtieġ, il-kompetenza teknika u l-ħila li jadattaw irwieħhom fid-dixxiplina tat-trasport u l-loġistika, filwaqt li jhaddnu żviluppi u sfidi teknoloġiċi. Il-kors jipprovdi wkoll lill-istudenti ħiliet soċjali, intraprenditorjali u ta' tmexxija, bil-għan li jkunu kapaċi jiffaċċjaw sfidi ta' natura loġistika b'mod innovattiv, kreattiv u etiku.

Studenti li jtemmu dan il-kors b'suċċess jistgħu jipprogressaw għall-Bachelor of Arts (Honours) in Business Enterprise.

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## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

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## Course Duration

2 Years Full-time

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## MQF Level

4

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## Career Opportunities

Logistics management officer · Warehouse  
management supervisor · Shipping supervisor

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## Mode

May include the  
possibility of work-  
based Learning

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## Credits

120 ECTS



# Higher Diploma in Transportation Logistics and Supply Chain Management

The course is intended for candidates who wish to embark or progress on a career in the transportation and logistics management.

The Students after this course will acquire the relevant advanced academic and vocational logistics operations principles and skills. This would be enhanced by an understanding of how transportation modes support the smooth flow of goods between entities operating within global supply chains.

Finally, the learners will also be properly equipped to succeed in the numerous dynamic challenges in local and global industries.

Il-kors huwa maħsub għal kandidati li jixtiequ jimbarkaw jew jimxu 'l quddiem għal karriera fil-ġestjoni tat-trasport u l-loġistika.

L-Istudenti wara dan il-kors se jakkwistaw il-prinċipji u l-ħiliet rilevanti tal-operat tal-loġistika akkademiċi u vokazzjonali avvanzati. Dan ikun imsaħħaħ permezz ta' fehim ta' kif il-modi tat-trasport jappoġġaw il-fluss bla xkiel tal-merkanzija bejn l-entitajiet li joperaw fi ħdan il-ktajjen tal-provvista globali.

Fl-aħħarnett, l-istudenti se jkunu wkoll mgħammra kif support biex jirnexxu fl-isfidi dinamiċi numerużi fl-industriji lokali u globali.

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## Entry Requirements

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

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## Course Duration

2 Years Full-time

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## MQF Level

5

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## Mode

Blended

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## Credits

120 ECTS

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## Career Opportunities

Purchasing Agent · Logistic Analyst · Supply  
chain Manager · Logistic Manager



# Diploma in Heating, Ventilation and Air-Conditioning

This course provides learners with the essential knowledge related to heating, ventilation and air-conditioning (HVAC). It will enable learners to work as assistant technicians engaged in servicing and carrying out maintenance on refrigeration compressors, condensers, evaporators and other accessories. Practical training is carried out in workshops equipped to industry standards. Learners are expected to participate individually and in teams to operate refrigeration and air conditioning equipment. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, Information Technology.

Dan il-kors jipprovdi lill-istudenti għarfien essenzjali relatat mat-tiġin, il-ventilazzjoni u l-kondizzjonament tal-arja (HVAC). Dan jippermetti lill-istudenti jaħdmu bħala assistenti teknixins fl-isservisjar u t-tweqqi ta' manutenzjoni fuq kompressuri tar-refriġerazzjoni, kondensaturi, evaporaturi u aċċessorji oħra. It-taħriġ prattiku jsir f'workshops attrezzati skont l-istandards tal-industrija. L-istudenti huma mistennija li jipparteċipaw b'mod individwali u f'timijiet biex iħaddmu tagħmir tar-refriġerazzjoni u tal-kondizzjonament tal-arja. Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Inglijż, il-Malti, it-Teknoloġija tal-Infommazzjoni.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

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## Career Opportunities

HVAC installer

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## Course Duration

1 Year Full-time

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## Mode

Apprenticeship

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## MQF Level

3

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## Credits

60 ECTS

# Diploma in Joinery and Furniture Making

This course of study includes theoretical knowledge and practical training both in College-based industrial workshops and also on work placements. Technical and practical lessons cover measuring, cutting, preparing and assembling timber and timber board products to make interior fittings such as kitchen cabinets, doors and window frames. The learners will be expected to participate individually and in teams to produce simple products from solid wood and composite materials. Learners will be trained in the practical handling of hand and power tools and simple woodworking machines. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, Information Technology.

Dan il-kors ta' studju jinkludi għarfien teoretiku u taħriġ prattiku kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll waqt esperjenzi ta' xogħol. Il-lezzjonijiet tekniċi u prattiċi jinkludu l-kejl, il-qtugħ, it-tħejjija u l-armor ta' prodotti tal-injam u bordijiet tal-injam biex isiru fittings tad-djar, bħal kċejjen, bibien u twieqi. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jipproduċu prodotti sempliċi minn materjali ta' injam mastizz u materjali komposti. L-istudenti jiġu mħarrġa fl-użu prattiku ta' għodod tal-idejn u tal-elettriku u magni sempliċi tax-xogħol tal-injam. Dan il-kors jipprova wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-suġġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliż, il-Malti, it-Teknoloġija tal-Infommazzjoni.

<b>Entry Requirements</b>	<b>Course Duration</b>	<b>MQF Level</b>
MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes	1 Year Full-time	3
<b>Career Opportunities</b>	<b>Mode</b>	<b>Credits</b>
Assistant joiner · Assistant carpenter	Apprenticeship	60 ECTS

# Diploma in Welding and Fabrication

This Apprenticeship course combines theoretical knowledge with practical training, both in College-based industrial workshops and in industry-based apprenticeships. Learners will be expected to participate individually and in teams to fabricate welded products. Learners will have the opportunity to use hand and power tools as well as welding sets, giving particular attention to health and safety considerations. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, Information Technology.

Dan il-kors ta' Apprendistat jikkombina l-għarfien teoretiku mat-taħriġ prattiku, kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll waqt l-apprendistat fl-industrija. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jiffabrikaw prodotti wweldjati. L-istudenti jkollhom l-opportunità li jużaw għodod tal-idejn u tal-elettriku, kif ukoll settijiet tal-iwweldjar, filwaqt li tingħata attenzjoni partikolari għal kunsiderazzjonijiet tas-saħħa u s-sigurtà. Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-suġġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Inglist, il-Malti, it-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level passes/SSC&P (Level 3) passes

## Career Opportunities

Welding and fabrication tradesperson

## Course Duration

1 Year Full-time

## Mode

Apprenticeship

## MQF Level

3

## Credits

60 ECTS

# Advanced Diploma in Joinery, Furniture Design and Manufacturing

This diploma course is aimed at students intending to embark on a career in the woodworking industry. It combines theoretical knowledge and practical training. The practical training is conducted both in College-based industrial workshops and in an industry-based apprenticeship or work placement. Learners will learn how to analyse and provide solutions to typical joinery and furniture products using solid wood and composite materials. Learners will be expected to participate individually and in teams to produce solid wood and composite material manufactured products.

Dan il-kors ta' diploma huwa mmirat lejn studenti li jixtiequ jagħmlu karriera fl-industrija tax-xogħol tal-injam. Il-kors jikkombina l-għarfien teoretiku mat-taħriġ Prattiku. It-taħriġ Prattiku jsir kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll fl-industrija waqt apprendistat jew esperjenza ta' xogħol. L-istudenti jitgħallmu kif janalizzaw u jipprovdvu soluzzjonijiet għal prodotti tipiċi tal-għamara bl-użu ta' injam mastizz u materjali komposti. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jipproduċu prodotti manifatturati bl-injam mastizz jew materjali komposti.

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## Entry Requirements

Entry requirements: Any MQF Level 3 (minimum 60 ECTS) Diploma

or

4 SEC/O-Level/SSC&P (Level 3) passes

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## Course Duration

3 Years Full-time

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## Mode

Apprenticeship

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## MQF Level

4

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## Credits

120 ECTS

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## Career Opportunities

Carpenter · Furniture design supervisor ·  
Tendering and estimating supervisor (joinery  
and furniture making)

# Advanced Diploma in Welding and Fabrication

This course combines theoretical knowledge and practical training carried out in College-based industrial workshops. Learners will be expected to participate individually and in teams to fabricate welded products. They will learn how to analyse and generate solutions related to typical fabrication using thin plates and pipes. Learners will also be given the opportunity to follow an Apprenticeship to improve their hands-on experience. In order to be able to appreciate the importance of good production management, supervised visits to complex production set-ups are organised during the course. Applicants need to be able to work within the industries concerned.

Dan il-kors jikkombina l-għarfien teoretiku u t-taħriġ prattiku li jsir f'workshops industrijali bbażati fil-Kulleġġ. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jiffabrikaw prodotti wweldjati. Huma jitgħallmu kif janalizzaw u jiġġeneraw soluzzjonijiet relatati mal-fabbrikazzjoni tipika permezz ta' pjanċi u pajpijiet irqaq. Huma jingħataw ukoll l-opportunità li jseguw Apprenticeship biex itejbu l-esperjenza prattika tagħhom. Sabiex l-istudenti jkunu jistgħu japprezzaw l-importanza ta' ġestjoni tajba tal-produzzjoni, matul il-kors jiġu organizzati żjarat sorveljati f'postijiet tax-xogħol fejn il-produzzjoni hija kumplessa. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati.

## Entry Requirements

Any MQF Level 3 (minimum 60 ECTS) Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

3 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Welding and fabrication technician (welder and fabricator) · Welding and fabrication supervisor · Welding and fabrication designer · Pipe welding specialist (pipe welder and fabricator)

# Advanced Diploma in Heating, Ventilation and Air Conditioning

This programme of study gives participants the knowledge and skills that are required by the Heating, Ventilation and Air Conditioning (HVAC) industry. Learners will be expected to carry out system modifications and customization. The course is based on College-based training as well as work-based learning. Learners will gain an in-depth knowledge and experience which may lead them to supervisory roles in the HVAC sector. During the course learners are given the opportunity to develop personal skills and attributes essential for a successful performance in related careers. Applicants need to be able to work within the industries concerned.

Dan il-programm ta' studju jipprovdli lill-parteciċipanti l-għarfien u l-ħiliet li titlob l-industrija tat-Tiġin, il-Ventilazzjoni u l-Kondizzjonament tal-Arja (HVAC). L-istudenti jkunu mistennija li jwettqu modifiki u adattamenti tas-sistemi. Il-kors huwa bbażat fuq taħriġ li jsir fil-Kulleġġ kif ukoll tagħlim fil-post tax-xogħol. L-istudenti jiksibu għarfien profund u esperjenza li jistgħu jwassluhom għal rwoli ta' superviżjoni fis-settur tal-HVAC. Matul il-kors l-istudenti jingħataw l-opportunità li jiżviluppaw ħiliet u attributi personali essenzjali biex jagħmlu suċċess f'karrieri relatati. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati.

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## Entry Requirements

Any MQF Level 3 (minimum 60 ECTS) Diploma

or

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics

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## Course Duration

3 Years Full-time

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## Mode

Apprenticeship

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## MQF Level

4

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## Credits

120 ECTS

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## Career Opportunities

Heating, ventilation and air conditioning technician • Refrigeration technician • FGAS licensed technician (subject to respective authority approval)



# ALP+ Extended Diploma in Construction Engineering

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to construction. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the construction engineering sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This course consists of College-based training on various skills related to the building and construction industry. It enables the learners to work in the sector or to continue their studies in related vocational areas, including Construction, Civil Engineering or Building Services. During this course of study learners will be introduced to different types of technical drawings used in the construction industry. They learn how to apply construction drawing standards and conventions to produce sketches and professional working drawings. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, and Information Technology.

Dan il-kors huwa mmirat għal studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-kostruzzjoni. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għall-impjieg fil-livell ta' assistent tekniku fis-settur tal-inġinerija tal-kostruzzjoni. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jspicċaw il-kors, jgħinu biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-kors jikkonsisti f'taħriġ ibbażat fil-Kulleġġ dwar diversi ħiliet relatati mal-industrija tal-bini u l-kostruzzjoni. Jippermetti lill-istudenti jaħdmu fis-settur jew ikomplu t-taħriġ tagħhom f'oqsma vokazzjonali relatati, inklużi l-Kostruzzjoni, l-Inġinerija Ċivili jew is-Servizzi tal-Bini. Matul dan il-kors l-istudenti se jiġu introdotti għad-disinn tekniku użat fl-industrija tal-kostruzzjoni. Huma jitgħallmu standards ta' disinni tal-kostruzzjoni u konvenzjonijiet biex jipproduċu disinni u tpinġijiet tax-xogħol professjonali.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Years Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Masonry Heritage Skills

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to stone restoration. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the stone restoration sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This vocational course enables learners to take up a career in stone restoration. It provides both practical and theoretical skills that lead learners to participate in a limited scope in stone restoration interventions. Successful learners can progress to the higher level course in restoration. Throughout the programme learners will have the opportunity to obtain the necessary maintenance, protection and preservation skills, understand preparation and recording techniques and apply cleaning and testing procedures. The programme is complemented with other essential units such as Safety at Work, Technical Reporting, Information Technology and Mathematics.

Dan il-kors huwa mmirat għal studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mar-restawr tal-ġebbla. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għall-impjieg fil-livell ta' assistent tekniku fis-settur tar-restawr tal-ġebbla. L-esperjenza prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħinu biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-kors vokazzjonali jippermetti lill-istudenti jibdew karriera fir-restawr tal-ġebbla. Jipprovdi kemm ħiliet prattiċi kif ukoll teoretiċi li jwasslu lill-istudenti biex jipparteċipa f'interventi ta' restawr tal-ġebbla. Studenti li jirnexxu jistgħu jimxu għall-kors ta' livell ogħla fir-restawr. Matul il-programm, l-istudenti jkollhom l-opportunità li jiksbu l-ħiliet neċessarji ta' manutenzjoni, protezzjoni u preservazzjoni, jifhmu t-teknika tat-tnejjija u r-registrazzjoni, u japplikaw proceduri ta' tindif u ta' ttestjar. Il-programm huwa kkumplementat b'unitajiet essenzjali oħra, bħas-Sigurtà fuq il-Post tax-Xogħol, ir-Rappurtar Tekniku, it-Teknoloġija tal-Infurmazzjoni u l-Matematika.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Years Full-time

## Mode

College-based with work-based learning possibilities

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



# Diploma in Construction Engineering

This course consists of College-based training on various skills related to the building and construction industry. It enables the learners to work in the sector or to continue their studies in related vocational areas, including Construction, Civil Engineering or Building Services. During this course of study learners will be introduced to different types of technical drawings used in the construction industry. They learn how to apply construction drawing standards and conventions to produce sketches and professional working drawings. This course also provides learners with the opportunity to further develop their knowledge of key skills subjects such as Mathematics, Science, English, Maltese, Information Technology.

Dan il-kors jikkonsisti f'taħriġ li jsir fil-Kulleġġ fid-diversi ħiliet relatati mal-industrija tal-bini u l-kostruzzjoni. Dan jgħin lill-istudenti jsibu xogħol fis-settur jew ikomplu l-istudji tagħhom f'oqsma vokazzjonali relatati, inklużi l-Kostruzzjoni, l-Inġinerija Ċivili jew is-Servizzi tal-Bini. Matul dan il-kors ta' studju, l-istudenti jiġu introdotti għal tipi differenti ta' disinjati tekniċi użati fl-industrija tal-kostruzzjoni. Huma jitgħallmu kif japplikaw standards ta' disinjati tal-kostruzzjoni u konvenzjonijiet biex jipproduċu disinjati u tpingijiet tax-xogħol professjonali. Dan il-kors jipprovdi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-ħiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliż, il-Malti, it-Teknoloġija tal-Infommazzjoni.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Career Opportunities

Assistant draughtsperson · Assistant land surveyor

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## Course Duration

1 Year Full-time

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## Mode

Apprenticeship

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## MQF Level

3

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## Credits

60 Credit

## Diploma in Masonry Heritage Skills (Sewwej)

This vocational course enables learners to take up a career in stone restoration. It provides both practical and theoretical skills that lead learners to participate in a limited scope in stone restoration interventions. Successful learners can progress to the higher level course in restoration. Throughout the programme learners will have the opportunity to obtain the necessary maintenance, protection and preservation skills, understand preparation and recording techniques and apply cleaning and testing procedures. The programme is complemented with other essential units such as Safety at Work, Technical Reporting, Information Technology and Mathematics.

Dan il-kors vokazzjonali jgħin lill-istudenti jidhlu għal karriera fir-restawr tal-ġebbla. Il-kors jipprovdi kemm ħiliet prattiċi kif ukoll teoretiċi li jwasslu lill-istudenti biex jipparteċipaw b'mod limitat f'interventi ta' restawr tal-ġebbla. L-istudenti li jtemmu dan il-kors b'suċċess jistgħu jkomplu l-istudji tagħhom fil-kors ta' livell ogħla fir-restawr. Matul il-programm, l-istudenti jkollhom l-opportunità li jiksbu l-ħiliet neċessarji ta' manutenzjoni, protezzjoni u priżervazzjoni, jifhmu t-teknika tat-tħejjija u r-reġistrazzjoni, u japplikaw proċeduri ta' tindif u ta' ttestjar. Il-programm huwa kkumplimentat b'unitajiet essenzzjali oħra, bħas-Sigurtà fuq il-Post tax-Xogħol, ir-Rappurtar Tekniku, it-Teknoloġija tal-Infommazzjoni u l-Matematika.

### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

### Career Opportunities

Masonry heritage skilled worker (Sewwej)

### Course Duration

1 Year Full-time

### Mode

Apprenticeship

### MQF Level

3

### Credits

60 ECTS

## Advanced Diploma in Masonry Heritage Skills (Mastru)

This course of study gives learners the necessary knowledge and skills in the area of stone restoration and conservation. It offers learners the competences they will need in order to be able to analyse and generate solutions concerning typical restoration interventions. The practical training is carried out in College-based workshops and laboratories as well as on heritage sites. Throughout the programme learners will have the unique opportunity to work on historical heritage sites and structures to master maintenance, protection and preservation skills, and apply cleaning and testing techniques. Applicants have to be able to work within the industries concerned.

Dan huwa kors ta' studju li jipprovdi lill-istudenti l-għarfien u l-ħiliet neċessarji fil-qasam tar-restawr u l-konservazzjoni tal-ġebbla. Il-kors joffri lill-istudenti l-kompetenzi li jeħtieġu sabiex ikunu jistgħu janalizzaw u jiġġeneraw soluzzjonijiet dwar interventi tipiċi ta' restawr. It-taħriġ prattiku jsir f'workshops ibbażati fil-Kulleġġ u f'laboratorji, kif ukoll f'siti ta' patrimonju. Matul il-programm, l-istudenti jkollhom l-opportunità unika li jaħdmu fuq siti u strutturi ta' patrimonju storiku biex jiksbu ħiliet ta' manutenzjoni, protezzjoni u priżervazzjoni, u japplikaw tekniki ta' tindif u ttestjar. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati.

### Entry Requirements

Any MQF Level 3 (minimum 60 ECTS) Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

### Course Duration

3 Years Full-time

### Mode

Apprenticeship

### MQF Level

4

### Credits

120 ECTS

### Career Opportunities

'Mastru' in the field of stone masonry heritage skills  
· Stone masonry heritage sites supervisor  
· Operator in the restoration of masonry cultural heritage

# Advanced Diploma in Construction Engineering

## With specialisation options in Civil Engineering, Land Surveying, Quantity Surveying and Construction Engineering

This course comprises both College-based training and work-based learning. It gives an in-depth knowledge and experience of the general requirements and specialist areas related to the field of building and construction. At the end of the first year, learners can choose one of four streams that include: Construction Design, Quantity Surveying, Land Surveying, and Civil and Road Engineering. Learners will be able to carry out duties at a professional and technical level in areas such as building, construction, civil and roads engineering. They will be able to carry out tasks related to Design, Quantity Surveying, Land Surveying, Geospatial Engineering, Geographical Information, and Roads and Project Management. This course includes work-related training and practice.

Dan il-kors jinkludi kemm taħriġ li jsir fil-Kulleġġ, kif ukoll tagħlim fil-post tax-xogħol. Dan jagħti lill-istudenti għarfien profund u esperjenza tar-rekwiżiti ġenerali u l-oqsma speċjalizzati relatati mal-qasam tal-bini u l-kostruzzjoni. Fi tmiem l-ewwel sena, l-istudenti jistgħu jagħzlu wieħed minn erba' setturi li jinkludu: id-Disinn tal-Kostruzzjoni, l-Istħarriġ tal-Kwantità, l-Istħarriġ tal-Art, u l-Inġinerija Ċivili u tat-Toroq. L-istudenti jkunu jistgħu jwettqu, f'livell professjonali u tekniku, xogħol li huwa kontinwament meħtieġ f'oqsma tal-inġinerija tal-bini, tal-kostruzzjoni, u tal-inġinerija ċivili u dik tat-toroq. Huma jkunu jistgħu jwettqu dmirijiet relatati mad-Disinn, l-Istħarriġ tal-Kwantità, l-Istħarriġ tal-Art, l-Inġinerija Ġeospazjali, l-Infommazzjoni Ġeografika, u l-Ġestjoni tat-Toroq u ta' Proġetti. Dan il-kors jinkludi taħriġ u prattika relatati mas-settur.

### Entry Requirements

Any MQF Level 3 (minimum 60 ECTS) Diploma

or

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics

### Course Duration

3 Years Full-time

### Mode

Apprenticeship

### MQF Level

4

### Credits

120 ECTS

### Career Opportunities

Draughtsperson · Tendering and estimating technician (assistant quantity surveyor) · Land surveyor · Assistant project manager · Services design manager · Construction site supervisor · Quality assurance supervisor · Estate and facilities supervisor

## Higher Diploma in Masonry Heritage Skills (Kapumastru)

The demand for the conservation and restoration of stone monuments and of historic buildings and artefacts is increasing. Likewise, those who manage projects involving various building materials are in great demand. This course is intended for those who would like to acquire knowledge and skills related to the conservation and restoration of buildings and monuments where the main construction material is the local limestone. They will be able to apply restoration and conservation techniques following best practices, both in College-based workshops and laboratories as well as on heritage sites. This course also provides quantity surveying skills as applied to restoration projects, as well as an introduction to project management, enabling learners to manage technicians working on restoration projects.

Id-domanda għall-konservazzjoni u r-restawr ta' monumenti tal-ġebbla u ta' bini storiku u artifatti qed tiżdied. Daqstant ieħor hawn domanda kbira għal persuni li jmexxu proġetti li jinvolvu diversi materjali tal-bini. Dan il-kors huwa maħsub għal dawk li jixtiequ jiksbu għarfien u ħiliet relatati mal-konservazzjoni u r-restawr ta' bini u monumenti fejn il-materjal prinċipali tal-kostruzzjoni jkun il-ġebbla tal-franka lokali. L-istudenti jkunu jistgħu japplikaw tekniki ta' restawr u konservazzjoni ta' bini u monumenti billi jsegwu l-aħjar prattici, kemm f'workshops u laboratorji bbażati fil-Kulleġġ, kif ukoll f'siti tal-patrimonju. Dan il-kors jipprovi wkoll ħiliet ta' s'fharriġ ta' kwantità kif applikati għal proġetti ta' restawr, kif ukoll introduzzjoni għall-ġestjoni ta' proġetti. Dan jippermetti lill-istudenti li jmexxu teknixins li jkunu qed jaħdmu fuq proġetti ta' restawr.

### Entry Requirements

MCAST Advanced Diploma in Masonry Heritage Skills (Mastru)

or

MCAST Advanced Diploma in Cultural Heritage Skills

or

MCAST Advanced Diploma in Construction

or

2 A-Level passes and 2 I-Level passes

### Course Duration

2 Years Full-time

### Mode

Includes Internship

### MQF Level

5

### Credits

120 ECTS

### Career Opportunities

'Kapumastru' in the field of stone masonry heritage skills · Stone masonry heritage sites manager



# Undergraduate Diploma in Occupational Health and Safety

Occupational Health and Safety is becoming an important topic among top management and policy makers due to the implications to industry and the nation because of accidents, injuries or fatalities at work. The human and financial costs of mismanaging health and safety at work has serious consequences.

The course aims to give students the skills necessary to embark on a career in the field of occupational health and safety especially as Occupational Health and Safety Practitioners with the national OHS regulator, advising employers on the OHS measures that need to be taken. The course is also intended for those acting as Project Supervisors on construction sites.

The OHS confirm that the MCAST Undergraduate Diploma in Occupational Health and Safety course will be recognised by the OHS as one of the three criteria for entry in OHS's Register of Competent Persons.

Is-Saħħa u s-Sigurtà fuq il-post tax-xogħol qed isiru suġġett importanti u dejjem aktar relevanti minħabba l-implikazzjonijiet għall-industrija u fuq livell nazzjonali minħabba incidenti u mwiet fuq il-post tax-xogħol. Il-konsegwenzi ta' nuqqas ta' gestjoni tajba tas-saħħa u s-sigurtà fuq ix-xogħol jistgħu jwasslu għal sitwazzjoni serje.

Il-kors għandu l-għan li jagħti lill-istudenti l-ħiliet meħtieġa biex jibdew karriera fil-qasam tas-saħħa u s-sigurtà fuq il-post tax-xogħol speċjalment bħala Occupational Health and Safety Practitioners mar-regolatur nazzjonali tal-OHS u li jagħtu pariri lil min ihaddem dwar il-miżuri OHS li jeħtieġ li jittieħdu. Il-kors huwa intiż ukoll għal dawk li jaħdmu bħala supervisors ta' proġetti fuq siti ta' kostruzzjoni.

L-OHS tikkonferma li l-kors tal-MCAST 'Undergraduate Diploma in Occupational Health and Safety' se jkun rikonoxxut mill-OHS bħala wieħed mit-tliet kriterji għad-dħul fir-Registru ta' Persuni Kompetenti tal-OHS.

## Entry Requirements

2 A-level passes and 2 I-level passes

## Course Duration

1 Year Full-time

## MQF Level

5

## Career Opportunities

OHS Practitioners

## Mode

May include the possibility of Work-Based Learning

## Credits

60 ECTS

# Bachelor of Science (Honours) in Quantity Surveying

The structure of this programme provides an opportunity to explore a range of construction related disciplines. During the programme, the learners will develop a comprehensive understanding of the disciplines which underpin construction management and the surveying professions. This knowledge will include subjects such as: economics, law, industry practice and building technology. Throughout the programme there will be a strong focus on project work and interdisciplinary collaboration is highly encouraged. The programme leads to the development of specialist knowledge related to construction economics and contract law, with a particular focus on managing costs throughout the project life-cycle from early design through to building completion and beyond. As part of this programme the learners will also complete a dissertation on a research topic of their choice and a quantity surveying project.

L-istruttura ta' dan il-programm tipprovdi opportunita' biex tiġi esplorata firxa ta' dixxiplini relatati mal-kostruzzjoni. Matul il-programm, l-istudent jiżviluppa fehim komprensiv tad-dixxiplini li fuqhom huma bbażati l-ġestjoni tal-kostruzzjoni u l-professionijiet tal-istħarriġ. Dan l-għarfien jinkludi suġġetti bħall-ekonomija, il-liġi, il-prattika tal-industrija u t-teknoloġija tal-bini. Matul il-kors issir enfasi qawwija fuq ix-xogħol fuq proġetti u l-istudenti jiġu mheġġa jaħdmu f'kollaborazzjoni ma' dixxiplini oħrajn. Il-programm iwassal għal żvilupp ta' għarfien speċjalizzat relatat mal-ekonomija tal-kostruzzjoni u l-liġi kuntrattwali, b'enfasi partikolari fuq il-ġestjoni tal-ispejjeż tul iċ-ċiklu kollu tal-proġett, mill-istadju bikri tad-disinn, sat-tlestija tal-bini u anke wara. Bħala parti minn dan il-programm, l-istudenti jipprezentaw ukoll tezi dwar suġġett ta' riċerka tal-għażla tagħhom u proġett ta' stħarriġ ta' kwantità.

## Entry Requirements

MCAST Advanced Diploma in Building Services Engineering  
or  
MCAST Advanced Diploma in Construction Engineering  
or  
MCAST Advanced Diploma in Civil Engineering  
or  
Undergraduate Diploma in Foundations of Engineering  
or  
2 A-Level passes and 2 I-Level passes

## Course Duration

3 Years Full-time

## Mode

Includes Internship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Quantity surveyor · Risk, value and cost control manager · Contractual claims adviser · Construction commercial risks adviser



# Bachelor of Science (Honours) Civil & Structural Engineering

The programme is aimed at those students who would ultimately like to work in Civil and Structural Engineering. The aim of this three-year Bachelor's course is to provide learners with the knowledge, skills and competencies required in the various fields of this profession to the rigorous level necessary. Specific study units include design principles, mathematics, physics, material science and structural analysis, and the programmes have been designed to fulfil the MEng admission Schedule of the University of Malta as per regulations applicable at the time of writing of this prospectus.

The Periti Warranting Board has confirmed that students who successfully achieve their Masters in Engineering from the University of Malta after having obtained their BSc from MCAST shall be recognised by the Periti Warranting Board.

## Notes:

Both the University of Malta and the Periti Warranting Board are autonomous institutions and may decide to change requirements according to their internal regulatory mechanisms. Prospective students who are interested in continuing their studies at the University of Malta or any other institution are therefore responsible for checking the respective entry requirements (including required classification) with the University of Malta or their selected postgraduate institution before starting this MCAST BSc programme.

Il-programm huwa mmirat għal dawk l-istudenti li jixtiequ jaħdmu fl-Inginerija Ċivili u Strutturali. L-għan ta' dan il-kors ta' Baċcellerat ta' tliet snin huwa li jipprova lill-istudenti bl-għarfien, il-hiliet u l-kompetenzi meħtieġa fid-diversi oqsma ta' din il-professjoni sal-livell rigoruż meħtieġ. Taqsimiet ta' studju speċifiċi jinkludu prinċipji tad-disinn, matematika, fiżika, xjenza tal-materjal u analiżi strutturali, u l-programmi tfasslu biex jissodisfaw l-iskeda tad-dhul tal-MEng tal-Università ta' Malta skont ir-regolamenti applikabbli fiż-żmien li ġie pubblikat ta' dan il-prospett.

Il-Bord tal-Warrant tal-Periti ikkonferma li studenti li jiksbu b'suċċess il-Masters tagħhom fl-Inginerija mill-Università ta' Malta wara li jkunu kisbu l-BSc tagħhom mill-MCAST għandhom jiġu rikonoxxuti mill-Bord tal-Warrant tal-Periti.

## Noti:

Kemm l-Università ta' Malta kif ukoll il-Bord tal-Warrant tal-Periti huma istituzzjonijiet awtonomi u jistgħu jiddeciedu li jibdru r-reqwiżiti skont il-mekkanizmi regolatorji interni tagħhom. Studenti prospettivi li huma interessati li jkomplu bl-istudji tagħhom fl-Università ta' Malta jew fxi istituzzjoni oħra huma għalhekk responsabbli li jiċċekkjaw ir-reqwiżiti tad-dhul rispettivi (inkluża l-klassifikazzjoni meħtieġa) mal-Università ta' Malta jew l-istituzzjoni magħżula minnhom qabel ma jibdeu dan il-programm MCAST BSc.

## Entry Requirements

MCAST Undergraduate Diploma in Foundations of Engineering (Construction) with no compensatory pass allowed and

MCAST Advanced Diploma in Construction Engineering (with an overall mark of 60% or higher)

or

MCAST Undergraduate Diploma in Foundations of Engineering (Construction) with no compensatory pass allowed and

2 A-Level passes

Compulsory: Mathematics (Pure or Applied) and Physics

or

2 A-Level passes and 2 I-Level passes

Compulsory A-Levels: Physics and Mathematics (Pure or Applied)

Applicants need to obtain an average Grade C across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E)

## Course Duration

3 Years Full-time

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Civil & Structural Engineer (May be eligible for warrant after further studies at other tertiary institutions subject to the requirements of the Periti Warranting Board which need to be checked a priori by the prospective students)

# ALP+ Extended Diploma in Mechanical Engineering

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education and are interested in pursuing further vocational studies at MQF Level 3 related to mechanical engineering. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the mechanical sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

If learners intend to embark on an engineering career specialising particularly in the mechanical sector, then this course is recommended. This MCAST programme is designed to provide basic theory and practice that can be further enhanced through work experience. Learning takes place by attending lectures in the classroom, workshops and laboratories and by completing projects and assignments that are often based on realistic workplace situations. The course covers basic knowledge and practical skills, providing a good foundation for future career opportunities in engineering. Learners are exposed to a deeper knowledge of related subjects such as Mathematics, Physics, Engineering Drawing and Information Technology.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-inġinerija mekkanika. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjieg fil-livell ta' assistent tekniku fis-settur mekkaniku. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta programmi tad-Diploma Avanzata fil-qasam li jippreferu.

Dan il-kors huwa rakkomandat għal dawk l-istudenti li jkollhom l-intenzjoni li jibdew karriera fl-inġinerija li tispeċjalizza b'mod partikolari fis-settur mekkaniku. Dan il-programm tal-MCAST huwa mfassal biex jipprovdi t-teorija u l-prattika fl-livell bażiku. Dawn jistgħu jiġu msaħħa permezz ta' esperjenza ta' xogħol. It-tagħlim iseħħ permezz ta' lezzjonijiet fil-klassi, fil-workshops u fil-laboratorji, u bit-twettiq ta' proġetti u assignments li ħafna drabi jkunu bbażati fuq sitwazzjonijiet realistiċi fuq il-post tax-xogħol. Il-kors ikopri l-għarfien u l-ħiliet prattiċi bażiċi, filwaqt li jipprovdi bażi tajba għal opportunitajiet ta' karriera fl-inġinerija fil-futur. L-istudenti huma esposti għal għarfien aktar profund f'suġġetti relatati, bħall-Matematika, il-Fiżika, l-Engineering Drawing u t-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Years Full-time

## MQF Level

2/3

## Mode

College-based with work-based learning possibilities

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# Diploma in Mechanical Engineering

If learners intend to embark on an engineering career specialising particularly in the mechanical sector, then this course is recommended. This MCAST programme is designed to provide basic theory and practice that can be further enhanced through work experience. Learning takes place by attending lectures in the classroom, workshops and laboratories, and by completing projects and assignments that are often based on realistic workplace situations. The course covers the basic knowledge and practical skills, providing a good foundation for future career opportunities in engineering. Learners are exposed to a deeper knowledge in related subjects such as Mathematics, Physics, Engineering Drawing and Information Technology.

Dan il-kors huwa rakkomandat għal daww il-istudenti li jkollhom l-intenzjoni li jibdew karrera fl-inginerija li tispesjalizza b'mod partikolari fis-settur mekkaniku. Dan il-programm tal-MCAST huwa mfassal biex jipprovdi t-teorija u l-prattika fl-ivell bażiku. Dawn jistgħu jigu msaħħa permezz ta' esperjenza ta' xogħol. It-tagħlim iseħħ permezz ta' lezzjonijiet fil-klassi, fil-workshops u fil-laboratorji, u bit-tweqqif ta' proġetti u assignments li ħafna drabi jkunu bbażati fuq sitwazzjonijiet realistiċi fuq il-post tax-xogħol. Il-kors ikopri l-għarfien u l-ħiliet prattiċi bażiċi, filwaqt li jipprovdi bażi tajba għal opportunitajiet ta' karrera fl-inginerija fil-futur. L-istudenti huma esposti għal għarfien aktar profond f'suġġetti relatati, bħall-Matematika, il-Fiżika, l-Engineering Drawing u t-Teknoloġija tal-Infommazzjoni.

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## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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## Course Duration

1 Year Full-time

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## MQF Level

3

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## Mode

Apprenticeship

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## Credits

60 ECTS

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## Career Opportunities

Machine operator · Technical operator · Assistant technician

# Advanced Diploma in Operations and Maintenance

This programme provides the necessary knowledge, understanding and skills for the future to those learners who wish to start a fulfilling career as a technician in the area of operations and maintenance engineering. Learners will have the opportunity to learn basic scientific and mathematical methods to apply in subjects such as thermodynamics and heat engines. Learners will be exposed to the different materials used in common engineering situations and their properties. This qualification not only provides access to more specialist units but it also broadens and deepens the learners' experience in preparation for the real world of work. This course includes work-related training and practice.

Dan il-programm jipprovd i-għarfien, il-fehim u l-ħiliet neċessarji għall-futur għal dawk l-istudenti li jixtiequ jibdew karriera ta' sodisfazzjon bħala teknixin fil-qasam tal-inġinerija tal-operazzjonijiet u tal-manutenzjoni. L-istudenti jkollhom l-opportunità li jitgħallmu metodi xjentifiċi u matematiċi bażiċi, biex japplikawhom f'suġġetti bħat-termodinamika u l-magni tas-sħana. L-istudenti jkunu esposti għal materjali differenti użati f'sitwazzjonijiet komuni tal-inġinerija u l-proprjetajiet tagħhom. Din il-kwalifika mhux biss tipprovd i-aċċess għal unitajiet aktar speċjalizzati, iżda wkoll twessa' u tapprofondixxi l-esperjenza tal-istudenti, bi ttejjija għad-dinja reali tax-xogħol. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol.

## Entry Requirements

Any MCAST MQF Level 3 Diploma delivered by the Institute of Engineering and Transport or

Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Mathematics or Physics

and

Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics

### Course Duration

3 Years Full-time

### MQF Level

4

### Mode

Apprenticeship

### Credits

120 ECTS

### Career Opportunities

Maintenance fitter/technician · Plant technician

## Advanced Diploma in Manufacturing

This programme provides the necessary knowledge, understanding and skills to those learners who wish to start an interesting career as a technician in today's highly technological area of manufacturing engineering. This qualification provides access to more specialist units and therefore broadens and deepens the experience in preparation for actual work situations. The learner will learn how to perform basic engineering operations in a safe and efficient manner, whilst safeguarding the environment. The learner will understand basic scientific and mathematical theories and how to apply these to manufacturing engineering processes such as draughting, design, problem solving, and machining. This course includes work-related training and practice. Applicants have to be able to work within the industries concerned.

Dan il-programm jiprovdi l-għarfien, il-fehim u l-ħiliet neċessarji għal studenti li jkunu jixtiequ jibdeu karriera interessanti bħala teknixin fil-qasam tal-inġinerija tal-manifattura li illum huwa ta' livell teknoloġiku għoli. Din il-kwalifika tiprovdi aċċess għal unitajiet aktar speċjalizzati u għalhekk twessa' u tapprofondixxi l-esperjenza bi tnejja għal sitwazzjonijiet attwali tax-xogħol. L-istudent jitgħallem kif iwettaq operazzjonijiet bażiċi tal-inġinerija b'mod sikur u effiċjenti, filwaqt li jissalvagwardja l-ambjent. L-istudent jifhem it-teoriji xjentifiċi u matematiċi bażiċi u kif dawn jiġu applikati għal proċessi tal-inġinerija tal-manifattura, bħad-disinn tekniku, is-soluzzjoni tal-problemi u x-xogħol fuq il-magni. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati.

### Entry Requirements

Any MCAST MQF Level 3 Diploma delivered by the Institute of Engineering and Transport or

Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Mathematics or Physics

and Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics

### Course Duration

3 Years Full-time

### Mode

Apprenticeship

### MQF Level

4

### Credits

120 ECTS

### Career Opportunities

Machine setter · Mechanical engineering technician · Production planning officer · Mechanical engineering draughtsperson · Manufacturing line technician



# Bachelor of Engineering (Honours) in Mechanical Engineering (Manufacturing)

This Mechanical Engineering degree programme provides the learners with a solid understanding of relevant engineering fundamentals and prepares them for a broad range of career options in the manufacturing field. This field is becoming increasingly more and more high tech. The programme is structured around studies which will develop in learners a firm understanding of principles and disciplines which are needed in the modelling, measuring, analysis and design of mechanical components and systems. On completing the course, graduates will be expected to demonstrate that they have assimilated the professional skills necessary for formulating and executing engineering projects. The course also provides training in teamwork and effective communication skills.

**This course is recognised by the Board tal-Inginiera as a prerequisite for the application of the Engineering Warrant (Ing.) as established by ACT No. XLVIII of 2021.**

Dan il-programm li jwassal għal baċellerat fl-Inginerija Mekkanika jipprovdi lill-istudenti fehim sod tal-elementi fundamentali tal-inginerija rilevanti u jhejjihom għal firxa wiesgħa ta' għażliet ta' karriera fil-qasam tal-manifattura. Dan il-qasam qed isir ta' livell teknoloġiku li kulma jmur dejjem jogħla. Il-programm huwa mfassal madwar studji li jiżviluppaw fl-istudenti fehim sod tal-prinċipji u d-dixxiplini li huma meħtieġa fl-immudellar, il-kejl, l-analiżi u d-disinn ta' komponenti u sistemi mekkanici. Dawk li jiggradwaw minn dan il-kors huma mistennija juru li jkunu assimilaw il-ħiliet professjonali neċessarji biex jiformulaw u jwettqu proġetti tal-inginerija. Il-kors jipprovdi wkoll taħriġ fil-ħidma f'tim u ħiliet ta' komunikazzjoni effettiva.

**Dan il-kors huwa rikonoxxut mill-Bord tal-Inginiera bħala rekwiżit għall-applikazzjoni tal-Inginerija Warrant (Ing.) kif stabbilit mill-ATT Nru XLVIII tal-2021.**

## Entry Requirements

MCAST Advanced Diploma in Manufacturing  
(with an overall mark of 60% or higher)

or

MCAST Advanced Diploma in Polymer Process  
Technicians (with an overall mark of 60% or  
higher)

or

MCAST Undergraduate Diploma in Foundations  
of Engineering

or

2 A-Level passes and 2 I-Level passes

Compulsory A-Levels: Physics and Mathematics  
(Pure or Applied)

Applicants need to obtain an average Grade C  
across their A-Levels in Mathematics and Physics  
(such as Grades C, C; Grades B, D; Grades A, E)

## Course Duration

4 Years Full-time

## Mode

Includes Internship

## MQF Level

6

## Credits

240 ECTS

## Career Opportunities

Manufacturing process engineer · Engineering  
designer · Quality control engineer · Engineering  
manager · Production engineer/manager/  
superintendent · Engineering laboratory  
manager · Mechanical engineer

# Bachelor of Engineering (Honours) in Mechanical Engineering (Plant)

This degree programme in Mechanical Engineering is relevant to a range of industries, since it covers the key mechanical engineering principles and subject areas for the plant engineer. The course is therefore wide-ranging and it will develop the candidates' ability to apply these principles to solve engineering problems in a variety of work environments and business concerns. The course contains study units in various areas such as Fluid Mechanics, Plant Technology, Control Principles, Control Engineering, Electrical Technology, HVAC, Vibration Analysis and Heat Engines. Additional managerial modules and modules in environmental engineering further enhance this programme so that graduates may add real value to the organisation that employs them.

**This course is recognised by the Board tal-Inġiniera as a prerequisite for the application of the Engineering Warrant (Ing.) as established by ACT No. XLVIII of 2021.**

Dan il-programm li jwassal għal baċcellerat fl-Inġinerija Mekkanika huwa rilevanti għal firxa ta' industrij, minhabba li jkopri l-prinċipji ewlenin tal-inġinerija mekkanika u l-oqsma ta' interess għall-inġinier tal-impjanti. Għalhekk il-kors huwa wieħed komprensiv u jiżviluppa l-kapaċità tal-kandidati li japplikaw dawn il-prinċipji biex isolvu problemi tal-inġinerija f'varjetà ta' ambjenti tax-xogħol u intrapriżi. Il-kors jinkludi unitajiet ta' studju f'diversi oqsma, bħall-Mekkanika tal-Fluwidi, it-Teknoloġija tal-Impjanti, il-Prinċipji tal-Kontroll, l-Inġinerija tal-Kontroll, it-Teknoloġija Elettrika, l-HVAC, l-Analiżi tal-Vibrazzjoni u l-Magni tas-Sħana. L-unitajiet ta' studju manigerjali addizzjonali u l-unitajiet fl-inġinerija ambjentali jkomplu jsaħħu dan il-programm, sabiex dawk li jiggradwaw minn dan il-kors ikunu jistgħu verament iżidu valur għall-organizzazzjoni li timpjegahom.

**Dan il-kors huwa rikonoxxut mill-Bord tal-Inġiniera bħala rekwiżit għall-applikazzjoni tal-Inġinerija Warrant (Ing.) kif stabbilit mill-ATT Nru XLVIII tal-2021.**

## Entry Requirements

MCAST Advanced Diploma in Operations and Maintenance (with an overall mark of 60% or higher)  
or  
MCAST Undergraduate Diploma in Foundations of Engineering  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Levels: Physics and Mathematics (Pure or Applied)  
Applicants need to obtain an average Grade C across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E)

## Course Duration

4 Years Full-time

## Mode

Includes Internship

## MQF Level

6

## Credits

240 ECTS

## Career Opportunities

Mechanical engineer · Engineering plant systems designer · Mechanical engineering analyst · Hotel engineer · Plant engineer

# ALP+ Extended Diploma in Engineering (Electronics)

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to electronics. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the electronics engineering sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme serves as an initial step for those who are interested in pursuing a career in electronics. This course is designed to provide basic theory and practice related to electronics, that are then enhanced through the work-based learning. The course consists of both key skill units and vocational units, of which mostly are carried out in the workshops and laboratories. This course provides a good foundation for future career opportunities in engineering and may also serve for progression to level 4 engineering courses.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-elettronika. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjieg fil-livell ta' assistent tekniku fis-settur tal-elettronika. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karriera f'elettronika. Il-kors joffri tagħlim biex l-istudenti jifhmu t-teoriji rilevanti u jiżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Dawn il-ħiliet jigū msaħħa bl-esperjenza tax-xogħol, fl-apprentistat. Il-kors jikkonsisti f'numru ta' suġġetti relatati mal-ħilijiet ewlenin u dawk vokazzjonali, li jigū mgħallma għal-workshops u l-laboratorji. Dan il-kors jipprovdi bażi tajba għall-opportunitajiet fl-inġinerija u jista' wkoll iservi bħala progressjoni għall-korsijiet f'livell erbgħa tal-inġinerija.

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## Mode

College based with work-based learning

## MQF Level

2/3

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

# ALP+ Extended Diploma in Electrical Installations

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to electrical systems. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the electrical installations sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

This programme serves as an initial step for those who are interested in pursuing a career in electrical systems, such as that of an Electrician within the construction industry. This course is designed to provide basic theory and practice related to electrical installations, that are then enhanced through the work-based learning. The course consists of both key skill units and vocational units, of which mostly are carried out in the workshops and laboratories. This course provides a good foundation for future career opportunities in engineering and may also serve for progression to level 4 engineering courses.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mas-sistemi elettrici. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-installazzjoni elettrika. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karrera f'sistemi elettrici, bħal dik ta' electrician fl-industrija tal-kostruzzjoni. Il-kors joffri tagħlim biex l-istudenti jifhmu t-teoriji rilevanti u jiżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Dawn il-ħiliet jiġu msaħħa bl-esperjenza tax-xogħol, fl-apprentistat. Il-kors jikkonsisti f'numru ta' suġġetti relatati mal-ħilijiet ewlenin u dawk vokazzjonali, li jiġu mgħallma għol-workshops u l-laboratorji. Dan il-kors jipprovdi bażi tajba għall-opportunitajiet fl-inginerija u jista' wkoll iservi bħala progressjoni għall-korsijiet f'livell erbgħa tal-inginerija

## Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

## Course Duration

2 Year Full-time

## MQF Level

2/3

## Mode

College based with work-based learning

## Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3

## Diploma in Electrical Installations

This programme serves as an initial step for those who are interested in pursuing a career in electrical systems, such as that of an Electrician within the construction industry. This course is designed to provide basic theory and practice related to electrical installations, that are then enhanced through the work-based learning. The course consists of both key skill units and vocational units, of which mostly are carried out in the workshops and laboratories. This course provides a good foundation for future career opportunities in engineering and may also serve for progression to level 4 engineering courses.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karrera f'sistemi elettrici, b'hal dik ta' electrician fl-industrija tal-kostruzzjoni. Il-kors joffri tagħlim biex l-istudenti jifhmu t-teoriji rilevanti u jiżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Dawn il-ħiliet jiġu msaħħa bl-esperjenza tax-xogħol, fl-apprentistat. Il-kors jikkonsisti f'numru ta' suġġetti relatati mal-ħilijiet ewlenin u dawk vokazzjonali, li jiġu mgħallma għol-workshops u l-laboratorji. Dan il-kors jipprovdni bażi tajba għall-opportunitajiet fl-inġinerija u jista' wkoll iservi b'ħala progressjoni għall-korsijiet f'livell erbgha tal-inġinerija.

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### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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### Course Duration

1 Year Full-time

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### MQF Level

3

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### Mode

Apprenticeship

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### Credits

60 ECTS

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### Career Opportunities

Assistant electrician · Machine operator  
· Technical operator

## Diploma in Engineering (Electronics)

This programme serves as an initial step for those who are interested in pursuing a career in electronics. This course is designed to provide basic theory and practice related to electronics, that are then enhanced through the work-based learning. The course consists of both key skill units and vocational units, of which mostly are carried out in the workshops and laboratories. This course provides a good foundation for future career opportunities in engineering and may also serve for progression to level 4 engineering courses.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karriera f'elettronika. Il-kors joffri tagħlim biex l-istudenti jifhmu t-teoriji rilevanti u jiżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Dawn il-ħiliet jiġu msaħħa bl-esperjenza tax-xogħol, fl-apprentistat. Il-kors jikkonsisti f'numru ta' suġġetti relatati mal-ħilijiet ewlenin u dawk vokazzjonali, li jiġu mgħallma għal-workshops u l-laboratorji. Dan il-kors jipprovdi bażi tajba għall-opportunitajiet fl-inġinerija u jista' wkoll iservi bħala progressjoni għall-korsijiet f'livell erbgħa tal-inġinerija.

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### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

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### Career Opportunities

Assistant technician · Machine operator  
· Technical operator

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### Course Duration

1 Year Full-time

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### Mode

Apprenticeship

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### MQF Level

3

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### Credits

60 ECTS

# Advanced Diploma in Robotics, Drone Technology, Automation and Artificial Intelligence

This course presents learners with introductory knowledge about artificial intelligence and machine-learning techniques, followed by automation systems, robots and drone functionality. Learners will have the opportunity to use various AI hardware and software tools to control a range of input and output devices, apply various forms of signal conditioning, use embedded systems and apply communication standards. This course is designed in a way that supports learners in understanding the operating characteristics and concepts of drones, automation and robotic systems through hands-on experiments. Additionally, students are guided to develop the skills required to design, install, troubleshoot, maintain and programme such systems.

Dan il-kors jipprovdi lill-istudenti għarfien introduttorju dwar it-teknika tal-intelliġenza artifiċjali u machine learning, kif ukoll dwar sistemi ta' awtomatizzazzjoni, robots u l-użu ta' drones. L-istudenti jkollhom l-opportunità li jużaw apparat u softwer ta' Intelliġenza Artifiċjali biex jikkontrollaw għażla ta' input u output devices, japplikaw diversi tipi ta' signal conditioning, jużaw embedded systems u japplikaw standards ta' komunikazzjoni. Dan il-kors huwa mqassam b'tali mod li, permezz ta' esperimenti prattiċi, jgħin lill-istudenti jifhmu l-karatteristiċi operazzjonali u l-kunċetti tad-drones, l-awtomatizzazzjoni u s-sistemi robotiċi. Barra minn hekk, l-istudenti jiġu megħjuna jiżviluppaw dawk il-ħiliet meħtieġa biex jiddisinnjaw, jistallaw, jidentifikaw il-problemi, jagħmlu l-maintenance u jipprogrammaw sistemi b'hal dawn.

## Entry Requirements

Any MCAST MQF Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Computing or Mathematics or Physics.

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Automation technician · Artificial intelligence technician · Autonomous vehicle technician  
· Technician in the manufacturing industry

# Advanced Diploma in Industrial Electronics

With specialisation options in **Computer Technology, Biomedical Technology, Telecommunications Technology, Control Technology, Electrical Power Technology, Electronic Circuit Manufacturing**

This course provides a comprehensive understanding of electronics including different aspects through classroom and hands-on workshops and projects. Learners are introduced to the design and development of electronic systems in various fields, such as industrial electronics, transportation, manufacturing, computer technology, communications and embedded systems. In the first and second year of the course, core aspects of various electronic technologies are covered, while in the final year, learners must choose elective modules from the following areas: Computer Technology, Biomedical Technology, Telecommunications Technology, Control Technology, Electrical Power Technology, domestic installation, and Manufacturing of Electronic Circuits. The availability of certain elective modules depends on a minimum number of applications.

Dan il-kors jipprovdi bażi tajba fl-elettronika fejn l-istudent jiġi espost għal aspetti differenti permezz ta' lezzjonijiet fil-klassi u prattika fil-workshops, kif ukoll proġetti li jinvolve xogħol prattiku. L-istudenti huma introdotti għall-holqien ta' sistemi elettronici f'diversi oqsma, bħall-elettronika industrijali, it-trasportazzjoni, it-teknoloġija tal-kompjuters, il-komunikazzjoni u sistemi inkorporati. Matul l-ewwel u t-tieni sena tal-kors, l-istudenti se jiltaqgħu mal-aspetti ewlenin tal-inġinerija tal-elettronika, filwaqt li fl-aħħar sena se jkunu meħtieġa jagħzlu mill-unitajiet li ġejjin: it-Teknoloġija tal-Kompjuter, it-Teknoloġija Bijomedika, it-Teknoloġija tat-Telekomunikazzjoni, it-Teknoloġija tal-Kontroll, it-Teknoloġija tal-Energija Elettrika, l-Installazzjonijiet Domestiċi u l-Manifattura ta' Ċirkwiti Elettronici. Id-disponibilità ta' ċerti suġġetti tiddependi fuq numru minimu ta' applikazzjonijiet.

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## Entry Requirements

Any MCAST MQF Level 3 Diploma

or

4 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Computing or Mathematics or Physics.

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## Course Duration

3 Years Full-time

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## Mode

Apprenticeship

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## MQF Level

4

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## Credits

120 ECTS

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## Career Opportunities

Electronics technician



# Advanced Diploma in Electrical Systems

This course is intended for learners who wish to pursue a career as technicians in electrical power systems in both the domestic and the industrial sectors. The course includes the requirements set by the Regulator for Energy and Water Services (REWS) for the Electrical Wireman's Authorisation A and Authorisation B. This ensures a solid technical competence and understanding of the regulations and health and safety requirements governing the electrical installation industry. This course contains modules related to Photovoltaic Systems, Building Services and Electronic Control Systems that give candidates a solid grounding in the technologies involved in the building services industry. Candidates will also receive exposure to Mechanical Workshop practice.

Dan il-kors huwa maħsub għall-istudenti li jixtiequ jibdew karriera bħala tekniċi f'sistemi tal-enerġija elettrika kemm għas-settur domestiku kif ukoll għal dak industrijali. Il-kors jinkludi r-rekwiżiti, kif stabbiliti mir-Regolatur tas-Servizzi tal-Enerġija u l-Ilma (REWS), għall-Awtorizzazzjoni A u l-Awtorizzazzjoni B ta' Persuni li jgħaddu l-wajers tal-Elettriku. Dan jipprovi lill-kandidati kompetenza teknika soda u fehim tar-regolamenti u tar-rekwiżiti tas-saħħa u s-sigurtà li jirregolaw l-industrija tal-installazzjoni tal-elettriku. Dan il-kors jinkludi unitajiet relatati ma' Sistemi Fotovoltajċi, Sistemi tal-Inġinerija tas-Servizzi tal-Bini u tal-Kontroll Elettroniku, li jipprovi lill-istudenti bażi soda għall-inġinerija involuta fl-industrija tas-servizzi tal-bini. Il-kandidati jwettqu wkoll Prattika f'Workshop Mekkaniku.

## Entry Requirements

Any MCAST MQF Level 3 Diploma delivered by the Institute of Engineering and Transport, the Institute of Applied Sciences and the Information and Communication Technology or

Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder

or

4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics.

## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Electrician (including 3-phase industrial installations) - Electrical technician (plant)

# Undergraduate Diploma in Foundations of Engineering

The aim of this course is to provide learners with the competence required to be able to join the Bachelor of Engineering programme and the Bachelor of Civil & Structural Engineering programme through the enhancement of knowledge, skills and competences in mathematics and physics. The programme also includes elective study units in electrical engineering, mechanical engineering, materials science, design studio and programming through sound theoretical and extensive hands-on approaches. This programme can also act as an exit point at MQF Level 5 for Advanced Diploma graduates, thus enabling successful candidates to achieve middle management engineering positions.

L-għan ta' dan il-kors huwa li jgħaddi lill-istudenti l-ħiliet meħtieġa sabiex ikunu jistgħu jidhlu għall-programm tal-Baċcellerat tal-Inġinerija jew tal- Baċcellerat tal-Inġinerija Civili u Strutturali billi jgħinhom jiżviluppaw iktar l-għarfien, il-ħiliet u l-kompetenzi tagħhom fil-matematika u l-fiżika. Dan il-programm jinkludi wkoll unitajiet ta' studju fl-inġinerija elettrika, l-inġinerija mekkanika, ix-xjenza tal-materjali, disinn u l-programmazzjoni. It-tagħlim ikun b'saħħtu fit-teorija u estensiv fil-prattika. Dan il-kors iservi wkoll bħala ċertifikazzjoni fil-Livell 5 tal-Qafas Malti tal-Kwalifiki għal daww l-istudenti li jkunu lestew Diploma Avanzata u b'hekk jagħtihom l-opportunità li jsibu impjieg fil-middle management fl-oqsma tal-inġinerija.

## Entry Requirements

Any MQF Level 4 (120 Credits) Qualification in an Engineering, Science or ICT field,

or

2 A-Level passes and 2 I-Level passes

Compulsory A-Levels: Physics or Mathematics (Pure or Applied)\*

\*As from 2026/2027, both Physics and Mathematics (Pure or Applied) will be required as compulsory subjects.

## Course Duration

1 Year Full-time

## Mode

May include the possibility of Work-Based Learning

## MQF Level

5

## Credits

60 ECTS

# Bachelor of Engineering (Honours) in Electronics and Control Engineering

The aim of this degree programme is to develop learners into professional engineers who are both academically prepared and practically trained to satisfy the requirements of local industry. Control Engineering is, from many perspectives, at the peak of the various engineering disciplines. Indeed, many engineering problems involve processing information of some form in order to control some system or variable within a more complex system. Giving learners a good preparation in control engineering increases their attractiveness to industry. A career in engineering is a career that is in high demand, interesting and versatile. Lectures include both a theoretic and hands-on approach.

**This course is recognised by the Board tal-Inġiniera as a prerequisite for the application of the Engineering Warrant (Ing.) as established by ACT No. XLVIII of 2021.**

L-għan ta' dan il-programm li jwassal għal bacellerat huwa li jiġu żviluppanti inġiniera professjonali li jithejjew b'mod akkademiku, kif ukoll jitħarrġu b'mod prattiku, biex jissodisfaw ir-rekwiżiti tal-industrija lokali. L-Inġinerija tal-Kontroll tinsab, minn ħafna perspettivi, fil-quċċata tad-diversi dixxiplini tal-inġinerija. Fil-fatt, ħafna problemi tal-inġinerija jinvolvu xi tip ta' pproċessar ta' informazzjoni sabiex tiġi kkontrollata xi sistema jew element varjabbli fi ħdan sistema aktar kumplessa. Bi preparazzjoni tajba fl-inġinerija tal-kontroll l-istudenti huma mfittxija sew mill-industrija. Karriera fl-inġinerija hija karriera li għaliha hawn domanda kbira, twassal għal-xogħol interessanti u versatili. It-tagħlim jinkludi kemm it-teorija kif ukoll il-prattika.

**Dan il-kors huwa rikonoxxut mill-Bord tal-Inġiniera bħala prerekwizit għall-applikazzjoni tal-Warrant tal-Inġiniera (Ing.) kif stabbilit bi-ATT Nru XLVIII tal-2021.**

## Entry Requirements

MCAST Advanced Diploma in Industrial Electronics (with an overall mark of 60% or higher)  
or  
MCAST Advanced Diploma in Electrical Systems (with an overall mark of 60% or higher)  
or  
MCAST Undergraduate Diploma in Foundations of Engineering  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Levels: Physics and Mathematics (Pure or Applied)  
Applicants need to obtain an average Grade C across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E).

## Course Duration

4 Years Full-time

## Mode

Includes Internship

## Career Opportunities

Design engineer · Electronics engineer ·  
Electrical engineer

## MQF Level

6

## Credits

240 ECTS

# Bachelor of Engineering (Honours) in Electronics Engineering

The aim of this degree programme is to develop learners into qualified engineers who are both academically prepared and practically trained to satisfy the requirements of the local electronics industry. Electronics is still a highly relevant and attractive technological field that has evolved at a rapid rate. This interdisciplinary field is practically used in every aspect of modern life as exemplified by the advances in computers and communications. The course will bring learners in contact with the modern technologies and gives an in-depth mix of knowledge and skills. A career in engineering is a career that is in high demand, interesting and versatile. Lectures include both a theoretic and hands-on approach.

**This course is recognised by the Board tal-Inġiniera as a prerequisite for the application of the Engineering Warrant (Ing.) as established by ACT No. XLVIII of 2021.**

L-għan ta' dan il-programm, li jwassal għal baċcellerat, huwa li jiżviluppa lill-istudenti f'inginiera kwalifikati, li jithejjew b'mod akkademiku kif ukoll jitħarrġu b'mod prattiku, biex jissodisfaw ir-rekwiżiti tal-industrija lokali tal-elettronika. L-elettronika għadha qasam teknoloġiku rilevanti u attraenti ħafna li evolva b'rata mgħaġġla. Dan il-qasam interdixiplinari jintuża prattikament f'kull aspett tal-ħajja moderna, kif juru l-avvanzi fil-kompjuters u l-komunikazzjoni. Il-kors ipogġi lill-istudenti f'kuntatt mat-teknoloġiji moderni u jipprovi taħlita profonda ta' għarfien u ħiliet. Karriera fl-inginerija hija karriera li għalija hawn domanda kbira, twassal għal-xogħol interessanti u versatili. It-tagħlim jinkludi kemm it-teorija kif ukoll il-prattika.

**Dan il-kors huwa rikonoxxut mill-Bord tal-Inġiniera bħala prerekwizit għall-applikazzjoni tal-Warrant tal-Inġiniera (Ing.) kif stabbilit bl-ATT Nru XLVIII tal-2021.**

## Entry Requirements

MCAST Advanced Diploma in Industrial Electronics (with an overall mark of 60% or higher)  
or  
MCAST Advanced Diploma in Electrical Systems (with an overall mark of 60% or higher)  
or  
MCAST Undergraduate Diploma in Foundations of Engineering  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Levels: Physics and Mathematics (Pure or Applied)  
Applicants need to obtain an average Grade C across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E).

## Course Duration

4 Years Full-time

## Mode

Includes Internship

## Career Opportunities

Design engineer · Electronics engineer  
· Electrical engineer

## MQF Level

6

## Credits

240 ECTS

## Diploma in Deck Operations

This study programme is intended for learners who in future intend to apply for the course of Advanced Diploma in Deck Operations which also leads to Officer in Charge of a Navigational Watch. This course is also an opportunity for those learners who would like to find a job and actively work in a maritime environment such as a deck crew on board ships and gain valuable sea time, or in an inshore marina job. The Diploma in Deck Operations course will deliver a solid foundation in general ship knowledge, seamanship and navigation, and provides an understanding of the basic legislative environment within which ships operate. This course also provides an opportunity for learners to complete the STCW basic safety training components. Learners will also be able to sit for the GMDSS ROC and Commercial Vessel Boatmaster Grade 1 examinations, provided that other requirements stipulated by Transport Malta are met.

Dan il-programm ta' studju huwa maħsub għal studenti li għandhom l-intenzjoni li fil-futur japplikaw għall-kors ta' Advanced Diploma in Deck Operations li jista' wkoll iwassalhom biex jilħqu Uffiċjal fil-Kariga ta' Għassa tan-Navigazzjoni. Il-kors jagħti l-opportunità wkoll lil dawk l-istudenti li jixtiequ jsibu impjeg u jaħdmu f'ambjent tal-baħar bħala ekwipaġġ abbord bastimenti u jiksbu ħin ta' servizz siewi fuq il-baħar, jew jixtiequ jaħdmu f'marina qrib il-kosta. Id-Diploma in Deck Operations tipprovdi bażi soda fl-għarfien ġenerali dwar il-bastimenti, it-tbaħħir u n-navigazzjoni, kif ukoll fehim bażiku tal-ambjent leġiżlattivi li fih joperaw il-bastimenti. Dan il-kors jagħti opportunità lill-istudenti jlestu l-komponenti ta' taħriġ bażiku ta' sigurtà tal-STCW, u jagħmlu l-eżamijiet għaċ-ċertifikat tal-GMDSS ROC u ta' Commercial Vessel Boatmaster tal-ewwel grad, basta jkunu jissodisfaw ir-rekwiżiti l-oħra ta' Transport Malta.

### Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

### Course Duration

1 Year Full-time

### MQF Level

3

### Career Opportunities

Deck crew · Shipping clerk · Water clerk with a shipping agency · Mooring man.

### Credits

60 ECTS

# Advanced Diploma in Deck Operations (also leading to OIC Navigational Watch)

The Advanced Diploma in Deck Operations (also leading to OIC Navigational Watch) programme is designed to prepare candidates for a career in the maritime sector.

The Advanced Diploma is a two-year full-time course. MCAST issues the qualification, whilst the programme also prepares candidates as sea cadets with a further 12-month sea placement and Transport Malta written exams, including the final oral exam to qualify for the ultimate maritime qualification with the Certificate of Competence as an Officer In Charge of a Navigational Watch (unlimited) on ocean-going merchant vessels. Transport Malta (Maritime) Authority issues this qualification.

Candidates can opt to take the course leading to Officer In Charge of Navigational Watch alone and sit for Transport Malta examinations or the course leading to Advanced Diploma in Deck Operations alone and sit for MCAST examinations or both with full qualifications.

It is to be noted that those candidates taking the Advanced Diploma in Deck Operations course will not be entitled to work as navigation ship officers.

The course consists of several maritime-related subjects such as navigation, meteorology, signals, ship knowledge and stability, cargo operations, international regulations, and leadership training in which all candidates are expected to participate.

Officer Cadets are expected to wear a merchant marine uniform while training ashore and on board ships.

Officer Cadets attending the course will be expected to find their ship sponsor for the practical training period at sea during the third phase of training of the course. However, assistance will also be offered.

Il-programm Advanced Diploma in Deck Operations (li jwassal ukoll għall-OIC Navigational Watch) huwa mfassal biex jipprepara il-kandidati għall-karriera fis-settur marittimu.

Id-Diploma Avanzata hija kors full-time ta' sentejn. L-MCAST joħroġ il-kwalifika, filwaqt li l-programm jipprepara wkoll lill-kandidati biex isiru kadetti tal-baħar bi prattika fuq il-baħar ta' 12-il xahar u eżamijiet bil-miktub tat-Transport Malta, inkluż l-eżami orali finali biex jikkwalifikaw għall-kwalifika marittima aħħarja biċ-Certifikat ta' Kompetenza bħala Officer In Charge of a Navigational Watch (unlimited) fuq bastimenti merkantili. L-Awtorità tat-Transport Malta toħroġ din il-kwalifika.

Il-kandidati jistgħu jagħzlu li jagħmlu l-kors li jwassal għal Officer In Charge of Navigational Watch waħedhom u joqogħdu għall-eżamijiet ta' Transport Malta jew il-kors li jwassal għal Advanced Diploma in Deck Operations u l-eżamijiet tal-MCAST jew jiksbu ż-żewġ kwalifiki.

Ta' min jinnota li dawk il-kandidati li qed jagħmlu l-kors ta' Advanced Diploma in Deck Operations mhux se jkunu intitolati li jaħdmu bħala uffiċjali tal-vapuri tan-navigazzjoni.

Il-kors jikkonsisti f'diversi suġġetti relatati mal-baħar bħan-navigazzjoni, il-meteorologija, is-sinjali, l-għarfien u l-istabbiltà tal-vapuri, l-operat tal-merkanzija, ir-regolamenti internazzjonali, u t-taħriġ fit-tmexxija li fih il-kandidati kollha huma mistennija li jippartecipaw.

L-Uffiċjali Kadetti mistennija jilbsu uniformi tal-baħar merkantili waqt it-taħriġ fuq l-art u abbord il-vapuri.

L-Uffiċjali Kadetti li jattendu l-kors ikunu mistennija jsibu l-isponsor tal-vapur tagħhom għall-perjodu ta' taħriġ prattiku fuq il-baħar matul it-tielet fażi tat-taħriġ tal-kors. Madankollu, se tiġi offruta wkoll l-ghajna.

## Entry Requirements

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MCAST Diploma in Deck Operations  
or  
4 SEC/O-Level passes/SSC&P (Level 3) passes  
Compulsory: Physics and Mathematics and  
English Language

## Other Entry Requirements

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Medical Test  
Students must have reached the age of 18 years  
prior to start of sea experience

## Career Opportunities

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Advanced Diploma holders : Port inspector ·  
Terminal inspector · GMDSS operator · Cargo  
operator in yard/ship terminal

Officer In Charge of Navigational Watch  
(unlimited) holders: 2nd Officer onboard ocean  
going ships of any size and operations.

## Course Duration

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2 years full time for the  
Advanced Diploma.  
A further 12 months  
training at sea and  
Transport Malta written  
examinations including  
final oral exam to  
achieve the Officer In  
Charge of Navigational  
Watch Certificate  
Of Competence  
(Unlimited)

## MQF Level

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4

## Credits

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120 ECTS

## Mode

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Sea cadets are  
required to attend  
a 12 months sea  
placement for the  
OIC Navigational  
Watch Certificate  
Of Competence  
qualification

## Chief Mate

This course is a continuation in the career of a Deck Officer in the merchant shipping navy leading to the issue of a Certificate of Competency as a Chief Mate. The training provided is at management level and learners attending this course are expected to dedicate a lot of time to their studies and to wear a merchant marine uniform whilst undergoing training ashore. The Centre for Maritime Studies boasts a good reputation for discipline and all Officers are expected to abide by a Code of Conduct whilst attending the Chief Mate Course and to actively participate in organised events. Practical STCW ancillary courses, namely medical care and radar navigation including simulation exercises, are also provided as compulsory short courses for the Chief Mate Certificate of Competency.

Dan il-kors huwa kontinwazzjoni fil-karriera ta' Deck Officer fil-flotta navali merkantili u jwassal għall-ħruġ ta' Ċertifikat ta' Kompetenza bħala Chief Mate. It-taħriġ ipprovdut huwa fil-livell maniġerjali u l-istudenti li jattendu dan il-kors huma mistennija jiddedikaw ħafna ħin għall-istudji tagħhom u li jilbsu uniformi tal-marina merkantili, waqt li jkunu qed jitharrġu fuq l-art. Iċ-Ċentru għall-Istudji Marittimi għandu reputazzjoni tajba għad-dixxiplina u l-Uffiċjali kollha huma mistennija li jikkonformaw mal-Kodiċi ta' Kondotta waqt li jkunu qed jattendu l-kors ta' Chief Mate u li jipparteċipaw b'mod attiv fl-avvenimenti li jiġu organizzati. Il-korsijiet anċillari prattiċi tal-STCW, jiġifieri l-kura medika u n-navigazzjoni bir-radar, inklużi eżerċizzji ta' simulazzjoni, huma pprovduti wkoll bħala korsijiet qosra obbligatorji biex jinkiseb iċ-Ċertifikat ta' Kompetenza ta' Chief Mate.

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### Entry Requirements

Letter of Eligibility from Transport Malta  
A Valid OIC Navigational Watch Certificate of Competency, and  
12 months at sea in that capacity

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### Other Entry Requirements

Medical Test through Transport Malta

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### Career Opportunities

Chief officer on sea-going merchant ships as second in command · Ship senior officer of the bridge · Ship senior officer controlling cargo operations on a ship · Master on offshore vessels · Ship security officer marine · VTS operator/supervisor

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### Course Duration

1 Year Full-time

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### Mode

May include the possibility of Work-Based Learning

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### MQF Level

-

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### Credits

-



# Advanced Diploma in Marine Engineering

This programme is the first step for those who wish to embark on a career in the maritime sector, with opportunities being available both locally and internationally. The course introduces the basics of engineering related to marine vessels and is ideal for those who wish to be introduced into this sector and obtain a formal vocational qualification. After successful completion of the course, the learner will have formed sound theoretical and practical competences. This course includes work-related training and practice.

Dan il-programm huwa l-ewwel pass għal dawk li jixtiequ jibdeu karriera fis-settur marittimu, b'opportunitajiet disponibbli kemm lokalment, kif ukoll internazzjonalment. Il-kors jintroduci l-elementi bażiċi tal-inginerija relatata ma' bastimenti tal-baħar u huwa ideali għal dawk li jixtiequ jidhlu f'dan is-settur u jiksbu kwalifika vokazzjonali formali. L-istudenti li jtemmu l-kors b'suċċess, ikunu kisbu kompetenzi teoretici u prattici sodi. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: One subject from Engineering  
Technology or Design and Technology or  
Chemistry or Mathematics or Physics

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Marine engineering technician · Ship repair  
technician · Ship repair fitter

# Bachelor of Science (Honours) in Marine Engineering

This degree programme deals with the design, construction, operation and maintenance of engines and machinery in ships and marine installations. The learner will gain an understanding of developed and emerging technologies whilst applying theoretical and practical methods in the analysis and solution of marine engineering related problems. At this level of study, one will be expected to develop the qualities needed for employment in situations requiring the exercise of personal responsibility, technical leadership and commercial management in complex and unpredictable circumstances as expected in the Maritime industry.

Dan il-programm li jwassa l-għal baċcellerat jittratta d-disinn, il-kostruzzjoni, l-operat u l-manutenzjoni tal-magni u l-makkinarju f'bastimenti u installazzjonijiet tal-baħar. L-istudent jikseb fehim tat-teknoloġiji żviluppati u emergenti, filwaqt li japplika metodi teoretiċi u prattiċi fl-analiżi u s-soluzzjoni ta' problemi relatati mal-inġinerija tal-baħar. F'dan il-livell ta' studju, wieħed ikun mistenni li jiżviluppa l-kwalitajiet meħtieġa għal impjeg f'sitwazzjonijiet li jirrikjedu l-eżerċizzju ta' responsabbiltà personali, it-tmexxija teknika u l-ġestjoni kummerċjali, f'ċirkostanzi kumplessi u imprevedibbli, kif wieħed jistenna fl-industrija Marittima.

## Entry Requirements

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Any MCAST MQF Level 4 Advanced Diploma offered by the Institute of Engineering and Transport

or

MCAST Undergraduate Diploma in Foundations of Engineering

or

2 A-Level passes and 2 I-Level passes

Compulsory A-Levels: Physics and Mathematics (Pure or Applied)

## Course Duration

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3 Years Full-time

## Mode

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Includes Internship

## MQF Level

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6

## Credits

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180 ECTS

## Career Opportunities

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Marine structural designer · Marine systems designer · Marine technologist · Marine surveyor



# Master of Science in Mechanical Engineering and Sustainable Technology

The Master of Science in Mechanical Engineering and Sustainable Technology is of high technical content and is designed to promote higher level thinking skills in various areas of engineering with a special focus on modern low carbon and renewable energy systems. Learners will acquire a broad range of skills in the major engineering disciplines allowing them to work in a senior technical or project management role within industry. The course will also provide graduates a foundation for further study or for a career in an engineering related field. The learners will receive advanced study in both the theoretical and the practical aspects of engineering that builds on previous knowledge and experience. This course is not related to the Engineering Warrant.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-kontenut tal-Master of Science in Mechanical Engineering and Sustainable Technology huwa wieħed tekniku u ta' livell avanzat u huwa maħsub biex jippromwovi ħiliet ta' ħsieb ta' livell ogħla foqasma varji tal-inġinerija, b'enfasi speċjali fuq sistemi moderni li jipproduċu ammont baxx ta' karbonju jew li jużaw enerġija rinnovabbli. L-istudenti jiksbu firxa wiesgħa ta' ħiliet fid-dixxiplini ewlenin tal-inġinerija. Dan jippreparahom biex jokkupaw pożizzjonijiet għoljin ta' natura teknika jew fit-tmexxija ta' proġetti fl-industrija. Il-kors jipprovdi wkoll lill-partecipanti bażi għal studju aktar avanzat fl-inġinerija jew għal karriera f'qasam relatat. Huma jirċievu tagħlim avanzat kemm fl-aspetti teoretiċi tal-inġinerija, kif ukoll f'dawk prattiċi, liema tagħlim jibni fuq l-għarfien u l-esperjenza li huma jkollhom diġà. Dan il-kors ma jagħtix id-dritt lill-kandidati għall-warrant ta' inġinier.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

Any MQF Level 6 degree related to Engineering or Science

## Course Duration

PT 6 Semesters

## MQF Level

7

## Mode

Blended

## Credits

120 ECTS

## Master of Science in Aerospace Engineering

The MCAST MSc in Aerospace Engineering aims to form graduates that will be able to design and implement aerospace projects focusing on more productive but environmentally friendly technologies so as to respond to today's challenges of a cleaner sky and less noisy and non-polluted environment, as well as to develop safer, faster and cheaper transportation for a growing society.

The objective of this Master course is to provide the graduates with the skills required by national and international aerospace companies and with the right profile to match recruitment criteria for agencies as well as public and private bodies in the aerospace sector and also other engineering sectors, for example Automotive. In detail, MCAST's highly targeted learning aerospace pathway aims at developing career-enhancing skills for aerospace professionals in the aviation sector and in the expanding civilian space business in fields such as the management, maintenance and conversion of aircrafts, R&D of technologies for new generations of aircrafts, and civilian applications for smart satellites and sub-orbital spacecrafts.

The course offers the students the possibility to specialize in one of three most highly-demanded fields, namely:

- Structures and Measurements for Aerospace
- Aerodynamics
- Space Technologies.

This course has a strong online component. This course is not related to the Engineering Warrant.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

L-MSc in Aerospace Engineering għandu l-għan li jwassal lill-gradwati biex jkunu jistgħu jiddisinjaw u jimplementaw proġetti aerospazjali li jiffokaw fuq teknoloġiji aktar produttivi iżda li ma jagħmlux ħsara lill-ambjent, sabiex jirrispondu għall-isfidi tal-lum, biex ikun hemm sema aktar nadif u ambjent inqas storbjuż u mhux imniġġes. B'hekk jiġi żviluppat trasport aktar sikur, aktar mgħaġġel u orħos għal soċjetà li qed tikber.

L-għan ta' dan il-kors f'livell ta' Master huwa li jipprovdi lill-gradwati bil-ħiliet meħtieġa minn kumpaniji aerospazjali nazzjonali u internazzjonali u bil-profil it-tajjeb biex jaqbel mal-kriterji ta' reklutaġġ għal aġenziji, kif ukoll korpi pubbliċi u privati fis-settur aerospazjali u wkoll setturi oħra tal-inġinerija, bħal per eżempju tal-Karozzi. Fid-dettall, il-mogħdija ta' taġħlim aerospazjali mmirata ħafna tal-MCAST għandha l-għan li tiżviluppa ħiliet li jtejbju l-karriera għall-professjonisti tal-ajruspazju fis-settur tal-avjazzjoni u fin-negozju spazjali ċivili li qed jespandi f'oqsma bħall-ġestjoni, il-manutenzjoni u l-konverżjoni ta' inġenji tal-ajru, R&D ta' teknoloġiji għal generazzjonijiet godda ta' ajruplani, u applikazzjonijiet ċivili għal satelliti intelliġenti u vetturi spazjali suborbitali.

Il-kors joffri lill-istudenti l-possibbiltà li jispeċjalizzaw f'wieħed mit-tliet oqsma l-aktar mitluba, jiġifieri:

- Structures and Measurements for Aerospace
- Aerodynamics
- Space Technologies.

Dan il-kors għandu komponent online qawwi.

Dan il-kors mhux relatat mal-Warrant tal-Inġiniera.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

### Entry Requirements

A Bachelor degree in Mechanical Engineering or in Aerospace Engineering or in a related field or

A MQF Level 5 qualification related to Engineering or Science and adequate professional experience

### Course Duration

PT 6 Semesters

### Mode

Blended

### MQF Level

7

### Credits

120 ECTS

# Master of Science in Mechatronics

The Master of Science in Mechatronics programme provides students with a broad range of knowledge and skills in the field of automation and control of production processes and equipment, as well as in the field of mechatronic devices and systems control. It focuses on the study of network technologies (e.g. Ethernet, Industrial Protocol, Profinet, Modbus, Profibus, Devicenet, Control Net), and the development of SCADA (Supervisory Control and Data Acquisition) system construction. The practical use of real-time systems is also an important part of the programme. Students will learn how to apply the theoretical principles of industrial robotics and mechatronics, mechatronic and robotic actuators, and modern technologies of microcontroller applications to practical situations.

This course is not related to the Engineering Warrant.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-programm tal-Master of Science in Mechatronics jipprovdi lill-istudenti firxa wiesgħa ta' għarfien u ħiliet fil-qasam tal-awtomatizzazzjoni u l-kontroll ta' proċessi tal-produzzjoni u t-tagħmir, kif ukoll fil-qasam tal-apparat mekatroniku u s-sistemi tal-kontroll. Dan il-programm jiffoka fuq l-istudju tat-teknoloġiji tan-netwerk (eż. Ethernet, Industrial Protocol, Profinet, Modbus, Profibus, Devicenet, Control Net), u l-iżvilupp tal-kostruzzjoni tas-sistema SCADA (Il-Kontroll Superviżorju u l-Akkwist tad-Data). L-użu prattiku ta' sistemi ta' ħin reali huwa wkoll parti importanti tal-programm. L-istudenti se jitgħallmu kif japplikaw il-prinċipji teoretici tar-robotika u l-mekatronika industrijali, tal-attwaturi tal-mekatronika u tar-robotika, u t-teknoloġiji moderni ta' applikazzjonijiet ta' mikrokontrolluri għall-soluzzjonijiet prattiċi.

Dan il-kors ma jagħtix id-dritt lill-kandidati għall-warrant ta' inġinier.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

Any MQF Level 6 degree related to Engineering or Science  
or  
A MQF Level 5 qualification related to Engineering or Science and adequate professional experience

## Course Duration

PT 5 Semesters

## Mode

Blended Learning

## MQF Level

7

## Credits

90 ECTS

# Master of Science in High Performance Buildings

The Master of Science in High Performance Buildings (HPB) gives candidates the opportunity to develop optimized building concepts, integrating various components of holistic design methodology, building physics, building climatology and comfort, energy-efficiency, environmental sources, building services systems, building aerodynamics, thermal and fluid dynamic CFD simulations, lighting design, building operations, as well as green urban modelling. The programme provides for advanced skills in specialization and scientific research of building physics coupled with architectural design, preparing students for professional as well as research and development settings at national and international levels.

This course is not related to the Engineering Warrant.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science in High Performance Buildings (HPB) jipprovdi lill-kandidati l-opportunità li jiżviluppaw kunċetti ta' bini aħjar milli għandna, billi jużaw elementi tal-metodoloġija holistika tad-disinn, tal-fiżika tal-bini, tal-klimatoloġija u l-kumdità tal-bini, tal-effiċjenza fl-enerġija, tas-sorsi ambjentali, tas-sistemi tas-servizzi tal-bini, tal-ajrudinamika tal-bini, ta' simulazzjonijiet dinamiċi (CFD) termali u fluwidi, tad-disinn tad-dwal, tal-operat tal-bini, kif ukoll tal-immudellar ekoloġiku urban. Il-programm jipprovdi ħiliet avanzati fl-ispeċjalizzazzjoni u fir-riċerka xjentifika tal-fiżika tal-bini, flimkien mad-disinn tal-arkitettura. Dan iħejji lill-istudenti għal ambjenti professjonali u ta' riċerka u żvilupp fl-ivelli nazzjonali u internazzjonali.

Dan il-kors ma jagħtix id-dritt lill-kandidati għall-warrant ta' inġinier.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

Any MQF Level 6 degree related to Engineering or Science

or

A MQF Level 5 qualification related to Engineering or Science and adequate professional experience

## Course Duration

PT 5 Semesters

## Mode

Blended

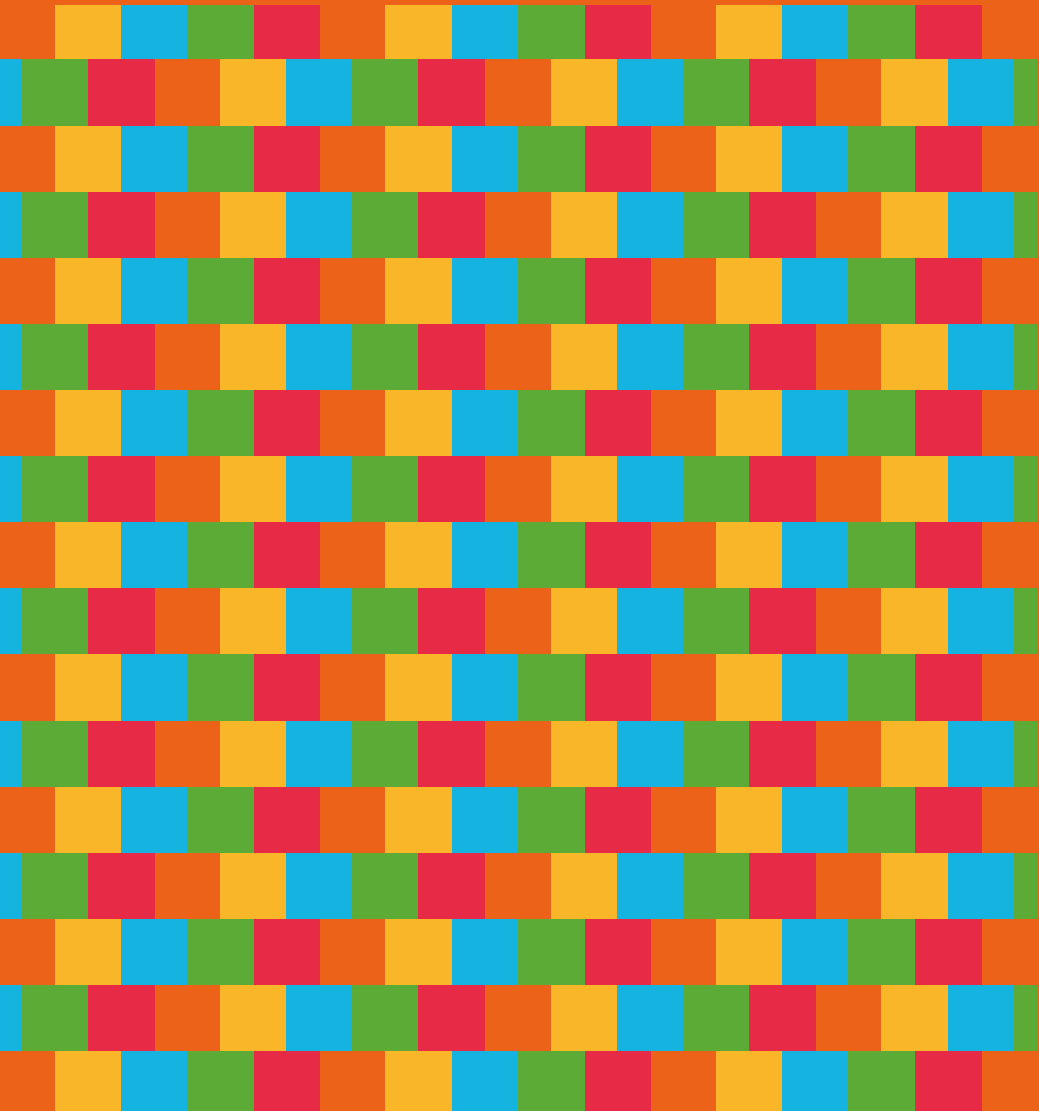
## MQF Level

7

## Credits

90 ECTS

# INFORMATION AND COMMUNICATION TECHNOLOGY






# Courses

- 250 Introductory Certificate in ICT
- 251 Foundation Certificate in ICT
- 252 ALP+ Extended Diploma in ICT
- 254 Diploma in ICT
- 256 Diploma in iGaming
- 258 Advanced Diploma in IT (Computer Systems and Networks)
- 259 Advanced Diploma in IT (Software Development)
- 260 Advanced Diploma in IT (Multimedia Software Development)
- 261 Advanced Diploma in IT (iGaming)
- 262 Bachelor of Science (Honours) in Applied Data Sciences
- 263 Bachelor of Science (Honours) in Computer Systems and Networks
- 264 Bachelor of Science (Honours) in Cybersecurity
- 266 Bachelor of Science (Honours) in Software Development
- 267 Bachelor of Science (Honours) in Creative Computing
- 268 Bachelor of Science (Honours) in Digital Games Development
- 269 Master of Science in Information Technology and Systems





“MCAST has prepared me for a successful career and instilled in me a sense of joy and satisfaction in what I do. Enrolling at MCAST was a life-changing decision that set me on a path to a successful and fulfilling career in software development. The institution’s practical teaching approach, supportive community, and industry connections empowered me to break stereotypes and pursue my passion.”

Kerstin Axiaq, Software Development Graduate

## Introductory Certificate in ICT

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer support in these technologies and help other IT specialists in their daily job. The Introductory Certificate in ICT offers knowledge in basic skills as well as knowledge in the fundamentals of computer systems and programming skills. The programme offers learners the necessary knowledge about the basic components that make up a computer system by being able to distinguish the different parts of a computer system, as well as learn about the software design phases and how to install hardware. Skills will be developed in how to design simple algorithms and simple computer programmes.

L-industrija tal-ICT hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu lil speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. L-Introductory Certificate in ICT joffri għarfien fir-rigward tal-ħiliet bażiċi u tal-elementi fundamentali ta' sistemi tal-kompjuter u tal-ħiliet tal-ipprogrammar. Il-programm joffri lill-istudenti l-għarfien neċessarju dwar il-komponenti bażiċi li jiffurmaw is-sistema tal-kompjuter, b'tali mod li jkun jistgħu jiddistingwu bejn il-partijiet differenti ta' sistema tal-kompjuter, kif ukoll jitgħallmu dwar il-fażijiet tad-disinn tas-software u kif jinstallaw il-ħardwer. Jiġu żviluppatti ħiliet fid-disinn ta' algoritmi sempliċi u ta' programmi sempliċi tal-kompjuter.

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### Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

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### Course Duration

1 Year Full-time

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### MQF Level

1

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### Credits

40 ECTS

# Foundation Certificate in ICT

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer support in these technologies and help other IT specialists in their daily job. The Foundation Certificate in ICT offers knowledge in basic skills as well as knowledge in the fundamentals of computer systems, programming skills, computer graphics, and the creation of ICT projects. This programme of study is not intended to prepare the learner for immediate employment, however it is the first in a string of programmes that will eventually prepare the learner to embark on a career within the computing industry.

L-industrija tal-ICT hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu lil speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. Il-Foundation Certificate in ICT joffri għarfien fir-rigward tal-ħiliet bażiċi u tal-elementi fundamentali ta' sistemi tal-kompjuter, il-ħiliet tal-ipprogrammar, il-grafika tal-kompjuter u l-ħolqien ta' proġetti tal-ICT. Dan il-programm ta' studju mhuwiex maħsub biex iħejji lill-istudent għal impjeg immedjat. Madankollu, huwa l-ewwel f'sensiela ta' programmi li eventwalment iħejju lill-istudent sabiex isegwi karriera fl-industrija tal-computing.

### Entry Requirements

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MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

### Course Duration

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1 Year Full-time

### MQF Level

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2

### Credits

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60 ECTS

## ALP+ Extended Diploma in ICT

This course is aimed at learners who have successfully completed their studies at the Alternative Learning Programme of the Ministry for Education, and are interested in pursuing further vocational studies at MQF Level 3, related to ICT. This course focuses on the knowledge and skills required for eventual employment at assistant technician level in the ICT sector. The combination of practical experience and theoretical knowledge gained by successfully completing the course, will equip learners with the knowledge and skills with which they will be able to access the labour market, or alternatively, they will be eligible to continue their studies at MQF level 4 at MCAST, by selecting one of the various Advanced Diplomas offered by the College, in their preferred area of study.

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer technical support in these technologies and help other IT specialists in their daily job. Learners will be introduced to fundamental subjects in the networking, software development, web development and multimedia areas. At the end of the course, learners will be able to use modern computer and multimedia systems and networks in the workplace.

Dan il-kors huwa mmirat lejn studenti li jkunu temmew b'suċċess l-istudji tagħhom fil-Programm ta' Tagħlim Alternattiv (I-ALP) tal-Ministeru għall-Edukazzjoni, u huma interessati li jkomplu bit-tagħlim vokazzjonali fil-Livell 3 tal-MQF, relatat mal-ICT. Dan il-kors jiffoka fuq l-għarfien u l-ħiliet meħtieġa biex eventwalment iwasslu għal impjeg fil-livell ta' assistent tekniku fis-settur tal-ICT. L-esperjenza Prattika u l-għarfien teoretiku li jakkwistaw l-istudenti li jispicċaw il-kors, jgħin biex dawn ikollhom l-għarfien u l-ħiliet meħtieġa biex jaħdmu, jew inkella, ikunu eliġibbli biex ikomplu l-istudji tagħhom fil-livell 4 tal-MQF fl-MCAST, billi jagħzlu wieħed mill-bosta korsijiet tal-Advanced Diploma fil-qasam li jippreferu.

L-industrija tal-ICT hija settur dinamiku li teħtieġ numru ta' nies tekniċi biex ilaħħqu mat-teknoloġija tal-kompjuter li qed tevolvi kontinwament. Persuni fil-qasam tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. L-istudenti se jiġu introdotti għal suġġetti fundamentali fl-oqsma tan-networking, l-iżvilupp tas-software, tal-websites u l-multimedja. Fi tmiem il-kors, l-istudenti jkunu jistgħu jużaw sistemi u networks moderni tal-kompjuter u multimedjali fuq il-post tax-xogħol.

### Entry Requirements

SSC&P at MQF level 2 (Students are expected to have completed the one-year ALP programme and obtained at least an MQF Level 1 in Maltese, English and Mathematics and an MQF Level 2 in TWO vocational subjects)

### Course Duration

2 Years Full-time

### Mode

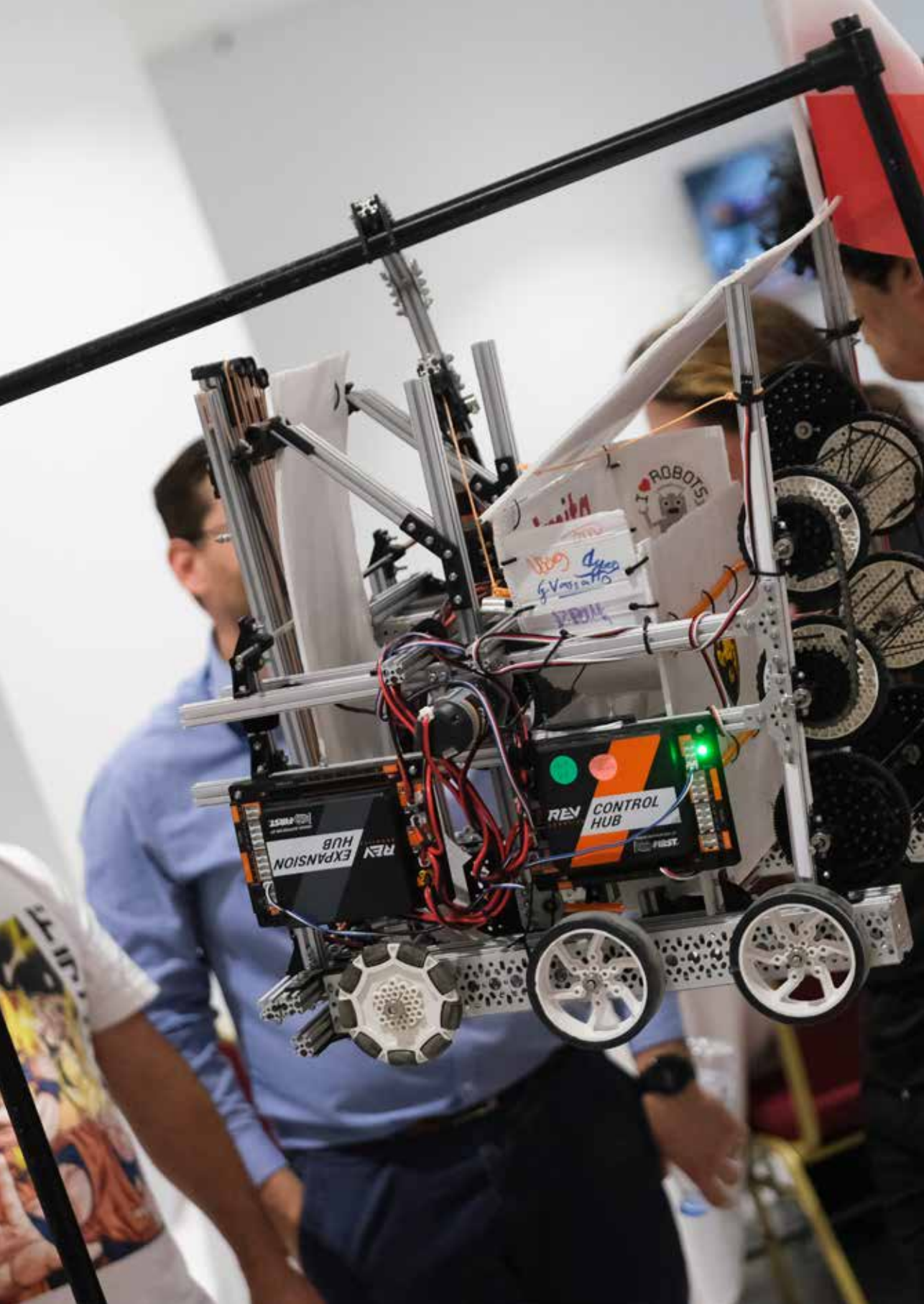
College-based with work-based learning possibilities

### MQF Level

2/3

### Credits

36 ECTS at MQF Level 2 and 60 ECTS at MQF Level 3



# Diploma in ICT

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer technical support in these technologies and help other IT specialists in their daily job. The Diploma in ICT is the first step in a block of a three-year training programme, designed to provide the necessary skills to work in the computing industry. At this level of study, learners will be introduced to fundamental subjects in the networking, software development, web development and multimedia areas. At the end of the course, learners will be able to use modern computer and multimedia systems and networks in the workplace.

L-industrija tal-ICT hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu lil speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. Id-Diploma in ICT hija l-ewwel pass fi programm ta' taħriġ ta' tliet snin, imfassal biex jipprovi l-ħiliet neċessarji biex wieħed ikun jista' jaħdem fl-industrija tal-computing. F'dan il-livell ta' studju, l-istudenti jġu introdotti għal suġġetti fundamentali fl-oqsma tan-netwerking, l-iżvilupp tas-software, l-iżvilupp ta' websajts u l-multimidja. Fi tmiem il-kors, l-istudenti jkunu jistgħu jużaw sistemi u netwerks moderni tal-kompjuter u tal-multimidja fil-post tax-xogħol.

### Entry Requirements

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MCAST Foundation Certificate

or

2 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Mathematics or Computer Studies or Physics or Information Technology\*

\*Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

### Course Duration

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1 Year Full-time

### Mode

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May include the possibility of Work-Based Learning

### MQF Level

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3

### Credits

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60 ECTS

### Other Entry Requirements

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Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.





# Diploma in iGaming

The iGaming industry is a relatively new and dynamic sector which requires a number of technical people to cope with the constantly evolving technologies in iGaming. MCAST offers this course as the first step to becoming familiar with the iGaming industry. The course is designed to provide the basic knowledge and skills required to consider working in such an exciting and innovative industry. At this level of studies, the learners will be introduced to subjects which provide fundamentals in iGaming, Compliance, Customer Relationship Management, Web Development, Multimedia and Basic Data Analysis.

L-industrija tal-iGaming hija settur dinamiku li huwa relattivament ġdid u li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-iGaming li qed jevolvu kontinwament. L-MCAST qed joffri dan il-kors bħala l-ewwel pass biex l-istudenti jsiru familjari mal-industrija tal-iGaming. Il-kors huwa mfassal biex jipprovdi l-għarfien u l-ħiliet bażiċi meħtieġa biex wieħed jikkunsidra li jaħdem f'industrija tant eċċitanti u innovattiva. F'dan il-livell ta' studju, l-istudenti jiġu introdotti għal suġġetti li jipprovdu elementi fundamentali fl-iGaming, fil-Konformità, fil-Ġestjoni tar-Relazzjoni mal-Klijent, fl-Iżvilupp tal-Web, fil-Multimidja u fl-Analiżi tad-Data f'livell bażiku.

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### Entry Requirements

MCAST Foundation Certificate

or

2 SEC/O-Level/SSC&P (Level 3) passes

Compulsory: One subject from Mathematics or Computer Studies or Physics or Information Technology\*

\*Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

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### Other Entry Requirements

Applicants with a good working knowledge of English Language will benefit from a positive learning experience throughout the course.

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### Course Duration

1 Year Full-time

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### Mode

May include the possibility of Work-Based Learning

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### Career Opportunities

Customer support in iGaming

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### MQF Level

3

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### Credits

60 ECTS



# Advanced Diploma in IT (Computer Systems and Networks)

The Advanced Diploma in Computer Systems and Networks offers a diversity of units with innovative learning material and labs. The course provides ample hands-on experience to engage learners in acquiring practical skills and knowledge to assist them with establishing a career within the IT field. The duration of this programme is spread over two years the first entailing units are common to all IT streams. The intent is to ensure that learners broaden their knowledge beyond the central area of study. Lastly, the second focuses on the core aspects of routing, switching, infrastructure design principles and virtualisation techniques to implement and manage a small to a medium-sized enterprise network environment. Finally, work-based learning is also delivered utilising apprenticeship schemes to ensure that learners are adequately prepared and competent for the industry. This essentially empowers them and allows them to apply their skills in real-life environments and obtain knowledge to aid them in their studies.

L-Advanced Diploma in Computer Systems and Networks toffri diversità ta' unitajiet b'materjal ta' tagħlim u laboratorji innovattivi. Il-kors jipprovi esperjenza prattika biżżejjed biex jinvolvi lill-istudenti biex jiksbu ħiliet u għarfien fil-prattika biex jgħinuhom jistabbilixxu karrera fil-qasam tal-IT. Il-programm huwa mifrux fuq sentejn l-ewwel unitajiet huma komuni għall-istudenti kollha tal-IT. L-intenzjoni hija li jiġi żgurat li l-istudenti jwessgħu l-għarfien tagħhom lil hinn mill-qasam ċentrali ta' studju. Fl-aħħar nett, it-tieni jiffoka fuq l-aspetti ewlenin tar-rotot, il-bdil, il-prinċipji tad-disinn tal-infrastruttura u t-teknika tal-virtwalizzazzjoni biex jiġu implimentati u mmaniġġjati ambjent ta' netwerk ta' intrapriżi żgħar u ta' daqs medju. Fl-aħħar nett, it-tagħlim ibbażat fuq ix-xogħol jingħata wkoll bl-użu ta' skemi ta' apprendistat biex jiġi żgurat li l-istudenti jkunu ppreparati u kompetenti b'mod adegwat għall-industrija. Dan essenzjalment jaġħtihom is-setgħa u jippermettilhom japplikaw il-ħiliet tagħhom f'ambjenti tal-ħajja reali u jiksbu għarfien biex jgħinuhom fl-istudju tagħhom.

## Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be presented by the applicant

## Course Duration

2 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Junior/assistant systems administrator · Junior/assistant network administrator · Junior/assistant database administrator · End user support

## Other Entry Requirements

Applicants with a good working knowledge of the English Language will benefit from a more positive learning experience throughout the course.

# Advanced Diploma in IT (Software Development)

The Advanced Diploma in Software Development is a practical, hands-on qualification ensuring that learners utilise the most up-to-date practices and current programming languages. This course is the first step towards becoming a software developer. It will provide the learners with the core software development skills along with the necessary knowledge for the design and development of software applications. The first year of this course will be common for all learners following the Advanced Diploma. During the second year of studies learners will focus on Software Development subjects, such as: server side and client side scripting; database design and development; and mobile application development.

L-Advanced Diploma in Software Development hija kwalifika prattika li tiżgura li l-istudenti jużaw il-prattiči l-aktar aġġornati u l-lingwi tal-ipprogrammar l-aktar kurrenti. Dan il-kors huwa l-ewwel pass biex wieħed isir żviluppatur tas-software. Huwa jipprovdi lill-istudenti l-ħiliet ewlenin fl-iżvilupp tas-software, flimkien mal-ġharfien neċessarju għad-disinn u l-iżvilupp ta' applikazzjonijiet tas-software. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkunu qed isegwu l-Advanced Diploma. Matul it-tieni sena l-istudenti jiffokaw fuq suġġetti marbuta mal-iżvilupp tas-Software, bħal: server side u client side scripting; id-disinn u l-iżvilupp ta' databases; u l-iżvilupp ta' applikazzjonijiet tal-mobile.

### Entry Requirements

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MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be presented by the applicant

### Course Duration

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2 Years Full-time

### Mode

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May include the possibility of Work-Based Learning

### Career Opportunities

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End user support · Junior software tester · Junior software developer · Junior database developer · Junior web developer

### Other Entry Requirements

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Applicants with a good working knowledge of the English Language will benefit from a more positive learning experience throughout the course.

# Advanced Diploma in IT (Multimedia Software Development)

The world wide web is one area that is growing fast in terms of the skills needs of companies. Multimedia is the incorporation of text, sound, graphics, animation, still images and video in conjunction with computer technology. This course will provide the learners with the core software development skills along with the necessary knowledge for multimedia artefact development, manipulation and integration. The first year of this course will be common for all learners following Advanced Diploma studies. During the second year, learners will focus on Multimedia and Software Development oriented subjects such as game development and mobile application development. This is a technical course for learners with an artistic inclination.

Il-world wide web huwa settur li qed jikber b'mod rapidu fir-rigward tal-ħiliet meħtieġa mill-kumpaniji. Il-multimidja tinkorpora t-test, il-hoss, il-grafika, l-animazzjoni, l-immagnijiet fissi u l-vidjo flimkien mat-teknoloġija tal-kompjuter. Il-kors jipprovdi lill-istudenti l-ħiliet ewlenin fl-iżvilupp tas-software, flimkien mal-għarfien neċessarju għall-iżvilupp, il-manipulazzjoni u l-integrazzjoni tal-artifatti tal-multimidja. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkunu qed jistudjaw biex iġibu l-Advanced Diploma. Fit-tieni sena l-istudenti jiffokaw fuq suġġetti orjentati lejn il-Multimidja u l-iżvilupp tas-Software, b'għall-iżvilupp tal-logħob u l-iżvilupp ta' applikazzjonijiet tal-mobile. Dan huwa kors tekniku għal studenti b'inklinazzjoni artistika.

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### Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.

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### Course Duration

2 Years Full-time

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### Mode

May include the possibility of Work-Based Learning

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### Career Opportunities

Junior front end developer · Junior game developer · Junior application developer · Junior mobile application developer

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### Other Entry Requirements

Applicants with a good working knowledge of the English Language will benefit from a more positive learning experience throughout the course.

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### MQF Level

4

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### Credits

120 ECTS

# Advanced Diploma in IT (iGaming)

The Advanced Diploma in iGaming is the next level up from the diploma route, and provides hands-on experience to learners targeting junior roles in this innovative sector. It can also serve as a precursor to Software Development, iGaming, Digital Games or Business Analytics degrees. This two-year programme provides a balance of core software, web and mobile app/game development skills alongside advanced digital marketing, SEO, database design and implementation, advanced Mathematics, Data Analytics and Visualisation. The first year of this programme focuses on providing learners with core development skills whereas the second year provides further specialisation and puts the core skills to good use through work-based learning (subject to eligibility), real-world implementations and projects. Upon completion of this programme, skilled individuals targeting this sector will be in a position to build a comprehensive portfolio.

\*Apprenticeship is subject to iGaming legal requirements. Please note that applicants who are not yet 18 years of age can still apply for the course and will be doing a replacement unit.

L-Advanced Diploma in iGaming hija l-livell li jmiss wara d-Diploma in iGaming, u tipprovdi esperjenza prattika lil studenti li jkunu qed jimmiraw li jsibu pożizzjonijiet fi gradi mhux għoljin wisq f'dan is-settur innovattiv. Din id-Diploma Avanzata tista' wkoll isservi bħala thejjiġa għal kwalifiki fil-livell ta' baċcellerat fl-iżvilupp tas-Software, fl-iGaming, fil-Loghob Diġitali jew fil-Business Analytics. Dan il-programm ta' sentejn jipprovdi bilanċ ta' ħiliet ewlenin fl-iżvilupp tas-software, il-web u applikazzjonijiet għall-mobile/loghob, flimkien ma' ħiliet f'sistemi avvanzati ta' marketing diġitali, search engine optimization (SEO), it-tfassil u l-implimentazzjoni ta' databases, matematika avvanzata, data analytics u viżwalizzazzjoni. Il-programm jipprovdi biex matul l-ewwel sena l-istudenti jiksibu ħiliet ewlenin fl-iżvilupp tas-sistemi, filwaqt li fit-tieni sena huma jkomplu jspesjalizzaw u jipprattikaw il-ħiliet ewlenin li jkunu kisbu fil-post tax-xogħol (suġġett għall-eligibilità) billi jimplementawhom fil-ħajja ta' veru u fi proġetti oħra. Wara li jtemmu l-kors, l-istudenti m'harrġa biex isibu impjeg f'dan is-settur, ikunu f'pożizzjoni li jibnu portafoll komprensiv.

\*L-Apprendistat huwa suġġett għar-rekwiziti legali tal-iGaming. Ta' min jinnota li dawk l-applikanti li jkunu għadhom ma għalqux it-18-il sena jistgħu japplikaw għall-kors iżda minflok l-apprendistat, jiġi pprovdut lilhom taħriġ alternattiv.

### Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.

### Course Duration

2 Years Full-time

### Mode

Apprenticeship\*

### MQF Level

4

### Credits

120 ECTS

### Career Opportunities

Junior front end developer · Junior applications developer · Junior mobile applications developer · Junior analyst · Junior affiliate specialist/marketer · Junior content creator

### Other Entry Requirements

Applicants with a good working knowledge of the English Language will benefit from a more positive learning experience throughout the course.

# Bachelor of Science (Honours) in Applied Data Sciences

The degree in Applied Data Sciences is designed for individuals who are interested in utilising data to solve complex challenges in various fields. With a focus on applied methodology, analytical skills, and hands-on experience, students will learn how to use advanced analytical tools and techniques to uncover hidden trends and patterns that can lead to business success. The programme covers a range of topics related to software engineering, data organisation, and data analysis using the latest technologies in business intelligence, reporting, machine learning, and big data. In addition, the degree includes a strong emphasis on text mining and natural language processing (NLP), which are key tools for extracting insights from unstructured data.

The programme also covers critical thinking skills, building strategies for promoting businesses, understanding consumer behaviour, computational linguistics and the laws governing business processes. A work-based component provides an opportunity for students to gain valuable industry experience and learn from real-world professionals. At the end of the programme, students will undertake a research component in the form of a dissertation. The degree is ideal for individuals who are passionate about leveraging technology to drive business performance and make data-driven decisions.

Il-programm fil-livell ta' baċċerolat f'Applied Data Science huwa mfassla għal individwi li huma interessati li jutilizzaw id-data biex isolvu sfidi kumplessi f'diversi oqsma. B'enfasi fuq metodoloġija applikata, ħiliet analitiċi, u esperjenza Prattika, l-istudenti se jittgħallmu kif jużaw għodda analitiċi avvanzati biex jikkxfu xejriet u mudelli li jistgħu jwasslu għas-suċċess tan-negozju. Il-programm ikopri firxa ta' suġġetti relatati mal-inginerija tas-software, l-organizzazzjoni tad-data u l-analiżi tad-data bl-użu tal-aħħar teknoloġija fl-intelliġenza tan-negozju, ir-rappurtar, machine learning u l-big data. Barra minn hekk, il-programm jinkludi enfasi qawwija fuq text mining u l-ipproċessar tal-lingwa naturali (NLP), li huma għodod ewlenin biex ikun hemm analiżi tad-data mhux strutturata.

Il-programm ikopri wkoll ħiliet ta' ħsieb kritiku, bini ta' strateġiji għall-promozzjoni tan-negozji, studju dwar l-imġiba tal-konsumatur, lingwistika komputazzjonali u l-liġijiet li jirregolaw il-proċessi tan-negozju. Komponent ibbażat fuq ix-xogħol jipprovdi opportunità għall-istudenti biex jiksbu esperjenza siewja fl-industrija u jittgħallmu minn professjonisti fid-dinja tax-xogħol. Fi tmiem il-programm, l-istudenti se jagħmlu ukoll proġett tar-riċerka. Il-kors huwa ideali għal individwi li għandhom passjoni biex jużaw it-teknoloġija biex imexxu l-prestazzjoni tan-negozju u jieħdu deċiżjonijiet ibbażati fuq l-użu tad-data.

### Entry Requirements

MCAST Advanced Diploma in IT  
or  
MCAST Advanced Diploma in Business Administration  
or  
MCAST Advanced Diploma in Marketing  
or  
MCAST Advanced Diploma in Insurance  
or  
MCAST Advanced Diploma in Financial Services  
or  
MCAST Advanced Diploma in Finance and Insurance  
or  
2 A-Level passes and 2 I-Level passes

Compulsory A-Level: Computing or Mathematics or Accounting or Economics or Marketing

Applicants with a good working knowledge of Computing, Mathematics and Business related subjects will benefit from a more positive learning experience throughout the course.

### Other Entry Requirements

Experience in a programming language would be considered an asset.

A sound background in the use of the English Language will be an asset for students to attain the best educational experience

### Course Duration

3 Years Full-time

### MQF Level

6

### Mode

May include the possibility of Work-Based Learning

### Credits

180 ECTS

### Career Opportunities

Data Analyst · Business Analyst · Data Scientist  
· Data Engineer\* · Machine Learning Engineer\*  
· Big Data Engineer\* · Data Architect · Data Mining Engineer\* · Data Visualisation Specialist

**\*The term Engineer shall not carry or imply the meaning attributed to the term "Engineer" in Article 2 of the Engineering Profession Act (Chapter 321 of the Laws of Malta)**



# Bachelor of Science (Honours) in Computer Systems and Networks

Computer systems and networks are a growth area in today's business environment due to the fact that there is a strong demand for highly skilled technical persons who can devise original solutions for complex problems in the context of IT and network implementation using modern techniques. This hands-on degree programme is intended for learners who wish to pursue a career in the world of computer systems and networks. In this course learners will be exposed to enterprise network technologies, data centre operations, service provider networks, information security, virtualisation, DevOps and cloud computing technologies. Due importance will also be given to emerging technologies which learners will find being implemented when they start working within the industry. A hands-on practical approach is adopted throughout the course. This course does not entitle the successful candidates to apply for an engineering warrant with the Engineering Profession Board of Malta on successful completion of the course.

Is-sistemi u n-netwerks tal-kompjuter huma qasam li qed jikber fl-ambjent kummerċjali tal-lum, minhabba l-fatt li hemm domanda kbira għal persuni tekniċi bi kwalifiki għoljin li jistgħu jfasslu soluzzjonijiet oriġinali għal problemi kumplessi fil-kuntest tal-IT u l-implimentazzjoni tan-netwerk bl-użu ta' teknika moderna. Dan il-programm li jwassal għal baċcellerat huwa maħsub għal studenti li jixtiequ jsegwu karriera fid-dinja tas-sistemi u n-netwerks tal-kompjuter. F'dan il-kors, l-istudenti jiltaqgħu mat-teknoloġiji tan-netwerk tal-intrapriżi, il-funzjoni taċ-ċentri tad-data, in-netwerks tal-fornituri tas-servizzi, is-sikurezza tal-informazzjoni, il-virtwalizzazzjoni, DevOps u t-teknoloġiji tal-cloud computing. Tingħata wkoll l-importanza dovuta lit-teknoloġiji godda li qed jiżviluppaw u li l-istudenti se jsibu li jkunu qed jiġu implimentati fl-industrija meta jibdew jaħdmu. Dan il-kors huwa kompletament ta' natura Prattika. Dan il-kors ma jagħtix id-dritt lill-istudenti li jtemmu l-kors b'suċċess li japplikaw biex jinħarġilhom il-warrant ta' inginier mill-Bord tal-Professjoni tal-Inġinerija ta' Malta.

## Entry Requirements

MCAST Advanced Diploma in IT  
or  
MCAST Advanced Diploma in Electronics  
(Computer Engineering)  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Computing  
and  
Compulsory A-Level or I-Level: Mathematics  
(Pure or Applied) or Physics

## Other Entry Requirements

A sound background in the use of English  
Language will be an asset for students to attain  
the best educational experience

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Systems administrator · NOC engineer\* ·  
Technical support specialist · Network analyst ·  
DevOps · Cloud infrastructure engineer\*  
\*The term Engineer shall not carry or imply the  
meaning attributed to the term "Engineer"  
in Article 2 of the Engineering Profession Act  
(Chapter 321 of the Laws of Malta)

# Bachelor of Science (Honours) in Cybersecurity

The Cybersecurity degree is a 3-year programme that provides students with a comprehensive understanding of concepts, techniques, and tools required to secure software applications, computer systems and networks. Students will increase their proficiency in the usage of open source operating systems, network security, database programming, digital forensics, and offensive security. They will also develop practical skills in mitigating cyber threats. The programme includes work-based component, whereby one's own skills are put to good use by working alongside experienced cybersecurity professionals. Additionally, the programme has a research component, where the student would undertake a dissertation. This applied research will draw on the skills and knowledge gained throughout the course to explore a specific area of cybersecurity in depth. Graduates of this programme will gain sufficient hands-on experience to thrive in the dynamic field of cybersecurity. The expertise acquired will enable them to pursue careers in the cybersecurity sector, including roles such as cybersecurity specialists, information security analysts, network security engineers, penetration testers, and digital forensic experts alongside others.

Il-programm f'livell ta' baċcellerat f'Cybersecurity huwa kors ta' 3 snin li jagħti lill-istudenti taħriġ komprensiv ta' kunċetti, teknika u għodod meħtieġa għas-sigurtà tas-software, sistemi tal-kompjuter u networks. L-istudenti se jżidu l-għarfien tagħhom fl-użu ta' sistemi open source, is-sigurtà tan-network, l-ipprogrammar tad-databases, il-forensika diġitali, u s-sigurtà offensiva. Se jiżviluppaw ukoll ħiliet prattiċi kontra t-theddid ċibernetiku. Il-programm jinkludi tagħlim ibbażat fuq ix-xogħol, u b'hekk l-istudenti jużaw il-ħiliet tagħhom u jkomplu jikbru bill jaħdmu ma' professjonisti b'esperjenza fil-qasam tas-sigurtà fid-dinja diġitali. Barra minn hekk, il-programm għandu komponent ta' riċerka, fejn l-istudent jaħdem fuq proġett ta' riċerka. F'din ir-riċerka applikata jintużaw il-ħiliet u l-għarfien miksuba tul il-kors u l-istudent jesplora fil-fond qasam fid- speċifiku fil-qasam tas-sigurtà ċibernetika. Il-gradwati ta' dan il-programm se jiksbu biżżejjed esperjenza Prattika biex jirnexxu fil-qasam dinamiku tas-sigurtà ċibernetika. Il-kompetenza miksuba se tippermettilhom isegwu karrieri fis-settur sigurtà fid-dinja diġitali, inklużi rwoli speċjalisti tas-sigurtà ċibernetika, analisti tas-sigurtà tal-informazzjoni, inġiniera tas-sigurtà tan-network, testers, u esperti forensiċi diġitali u iktar.

## Entry Requirements

MCAST Advanced Diploma in IT  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Computing  
and  
Compulsory A-Level or I-Level: Mathematics  
(Pure or Applied) or Physics

## Other Entry Requirements

A sound background in the use of English  
Llanguage will be an asset for students to attain  
the best educational experience

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Security Engineer \* · Security Consultant ·  
Penetration Tester · Network Security Analyst  
· Cybersecurity Analyst · Security Researcher  
· Threat Analyst · Malware Analyst · Security  
Architect

**\*The term Engineer shall not carry or imply the meaning attributed to the term "Engineer" in Article 2 of the Engineering Profession Act (Chapter 321 of the Laws of Malta)**



# Bachelor of Science (Honours) in Software Development

The degree in Software Development is intended to prepare learners to work in the industry of application development and engineering and explores the skills required for designing IT enterprise solutions, building robust backend systems, and solving complex problems using the latest paradigms and modern technologies. The programme covers aspects related to software engineering, frontend and backend software technologies, data organisation, persistence and data analysis, software development of portable devices and software quality aspects such as security and testing. Modern trends such as Cloud, Devops, Blockchain, Machine Learning and Computer Vision are also explored. The degree includes work-placements that will allow students to gain experience within the industry and work in a professional environment. At the end of the degree, the students culminate their studies with a research dissertation in an area of their interest. The course is intended for individuals who are keen in solving problems through technology and would like to pursue an exciting career in one of the fundamental pillars of the economy.

Il-kors fis-Software Development huwa maħsub biex jipprepara lill-istudenti biex jaħdmu fl-industrija tal-iżvilupp tal-applikazzjonijiet u l-inginerija u jesplora l-ħiliet meħtieġa għat-fassil ta' soluzzjonijiet tal-intrapriżi tal-IT, il-bini ta' sistemi backend robusti, u s-soluzzjoni ta' problemi kumplessi bl-użu tal-aħħar teknoloġiji moderni. Il-programm ikopri aspetti relatati mal-inginerija tas-software, teknoloġiji tas-software frontend u backend, organizzazzjoni tad-data, persistenza u analiżi tad-data, l-iżvilupp ta' software ta' apparati portabbli u aspetti tal-kwalità tas-software bħas-sigurtà u l-ittestjar. Xejriet moderni bħal Cloud, Devops, Blockchain, Machine Learning u Computer Vision huma esplorati wkoll. Il-programm jinkludi work-placements li se jippermettu lill-istudenti jiksbu esperjenza fl-industrija u jaħdmu f'ambjent professjonali. Fi tmieġ tal-kors, l-istudenti jikkonkludu l-istudji tagħhom b'proġett ta' riċerka f'qasam ta' interess tagħhom. Il-kors huwa maħsub għal individwi li huma heġqana li jsoġu problemi permezz tat-teknoloġija u li jixtiequ jsegwu karriera eċċitanti f'wieħed mill-pilastr fundamentali tal-ekonomija.

## Entry Requirements

MCAST Advanced Diploma in IT  
Multimedia Software Development, iGaming  
or  
MCAST Advanced Diploma in Electronics  
(Computer Engineering)  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Computing  
and  
Compulsory A-Level or I-Level: Mathematics  
(Pure or Applied) or Physics

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Web/back-end/fullstack developer · Software  
tester · Mobile applications developer

## Other Entry Requirements

A sound background in the use of English  
Language will be an asset for students to attain  
the best educational experience

# Bachelor of Science (Honours) in Creative Computing

The degree in Creative Computing is tailored for learners who are passionate about developing cutting-edge, interactive software applications across a wide range of platforms. The comprehensive taught component covers a diverse array of skills, including front-end, UX/UI design principles, full-stack, cross-platform, and mobile app development. Learners will gain expertise in client-side and server-side technologies, as well as other areas like software development, audio/visual content creation, data organisation and persistence, machine learning, computer vision, web optimisation, utilisation of third-party tooling/libraries, and research methodologies. The work-based component of the programme provides invaluable, hands-on experience on real-world projects within an organisation. Finally, the research component in the form of a dissertation will give prospective graduates the opportunity to identify, investigate, and devise solutions for complex problems in their chosen field. The Creative Computing Degree programme is designed to help individuals excel in various fields and stay ahead of the curve and in line with front-end, full-stack, cross-platform and mobile apps development.

Il-programm fil-livell ta' baċcellerat fil-Creative Computing huwa mfassal għal studenti li għandhom passjoni għall-iżvilupp ta' applikazzjonijiet ta' software interattivi fuq firxa wiesgħa ta' pjattaformi. It-tagħlim dettaljat ikopri firxa ta' ħiliet, inklużi l-front-end, prinċipji tad-disinn UX/UI, full-stack, cross-platform, u żvilupp ta' mobile apps. L-istudenti se jiksbu għarfien fuq aspetti minn naħa tal-klijent u min-naħa tat-teknoloġija, kif ukoll oqsma oħra bħall-iżvilupp tas-software, il-ħolqien ta' kontenut awdjo/viżiv, organizzazzjoni tad-data u persistenza, machine learning, viżjoni bil-kompjuter, ottimizzazzjoni tal-web, użu ta' għodda/libreriji ta' partijiet terzi, u metodoloġiji ta' riċerka. Il-komponent tal-programm ibbażat fuq ix-xogħol jipprovdi esperjenza imprezzabbli u prattika fuq proġetti fid-dinja tax-xogħol fi ħdan organizzazzjoni. Fl-aħħarnett, il-proġett tar-riċerka se jagħti lill-gradwati prospettivi l-opportunità li jidentifikaw, jinvestigaw u jfasslu soluzzjonijiet għal problemi kumplessi fil-qasam li jagħżlu. Il-programm Creative Computing huwa ddisinjat biex jgħin lill-individwi jikbru f'diversi oqsma u jkunu minn ta' quddiem filwaqt li jimxu mal-iżvilupp fil-qasam tal-front-end, full-stack, cross-platform u mobile apps.

## Entry Requirements

MCAST Advanced Diploma in IT  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Computing  
and  
Compulsory A-Level or I-Level: Mathematics  
(Pure or Applied) or Physics

## Other Entry Requirements

A sound background in the use of English Language will be an asset for students to attain the best educational experience

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

6

## Credits

180 ECTS

## Career Opportunities

Full-Stack Developer · Front-End Developer · UX/UI Designer · Mobile App Developer · User Experience Researcher · Interaction Designer · User Interface Developer · Web Designer · Product Designer · Information Architect · Usability Tester

# Bachelor of Science (Honours) in Digital Games Development

The degree in Digital Games Development offers learners the extra edge when it comes to the creation of entertainment software. The taught component provides insight on the various stages involved in game design and development. Students will learn to utilize state of the art tools and technologies for implementing digital games. Such artefacts require a variety of skills alongside 3D game engines. These skills include ux/ui design, game level design, software development, software testing, content creation (through audio/visual tools), 3d modelling, networking, game logic, ai, mathematics, physics etc. Additionally, work placements will not only allow learners to understand the roles and responsibilities in an organisation. They will work on real-world problems and will understand the importance of decision making, problem-solving, whilst being effective team players. Finally, through the research component, students will explore how to investigate, resolve, and present findings related to a research problem in a given domain. There is also a “double degree route” for those aspiring game developers who would like to extend their studies and work experience abroad and take their existing qualification in Digital Games Development, Multimedia Software Development or Software Development to the next level.

Il-kors fl-Iżvilupp tal-Logħob Diġitali joffri lill-istudenti vantaġġ meta niġu għall-ħolqien ta' software tad-divertiment. Il-komponent mgħallem jipprovdi ħarsa dwar id-diversi stadji involuti fid-disinn u l-iżvilupp tal-logħob. L-istudenti se jitgħallmu jutilizzaw għodod u teknoloġiji avvanzati għall-implimentazzjoni tal-logħob diġitali. Dawn jeħtieġu varjetà ta' ħiliet flimkien ma' magni tal-logħob 3D. Dawn il-ħiliet jinkludu disinn ux/ui, disinn fil-livell tal-logħob, żvilupp ta' software, ittestjar ta' software, ħolqien ta' kontenut (permezz ta' għodod awdjo/viżivi), immudellar 3d, netwerking, loġika tal-logħob, ai, matematika, fiżika eċċ. Barra minn hekk, il-prattika tghin lill-istudenti jifhmu r-rwoli u r-responsabbiltajiet f'organizzazzjoni. Huma se jaħdmu fuq problemi tad-dinja reali u se jifhmu l-importanza tat-teħid tad-deċiżjonijiet, is-soluzzjoni tal-problemi, filwaqt li jkunu plejers effettivi tat-tim. Fl-aħħarnett, permezz tal-komponent ta' riċerka, l-istudenti se jesploraw kif jinvestigaw, isolvu, u jipprezentaw sejbiet relatati ma' problema ta' riċerka f'qasam partikolari. Hemm ukoll “rotta ta' grad doppju” għal dawk l-iżviluppaturi tal-logħob li jixtiequ jestendu l-istudji u l-esperjenza tax-xogħol tagħhom barra l-pajjiż u jieħdu l-kwalifika eżistenti tagħhom fl-Iżvilupp tal-Logħob Diġitali, l-Iżvilupp ta' Software Multimedjali jew l-Iżvilupp ta' Software għal-livell li jmiss.

## Entry Requirements

MCAST Advanced Diploma in IT  
IGaming or Software Development or  
Multimedia Software Development  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level: Computing  
and  
Compulsory A-Level or I-Level: Mathematics  
(Pure or Applied) or Physics

## Course Duration

3 Years Full-time

## MQF Level

6

## Mode

Apprenticeship

## Credits

180 ECTS

## Career Opportunities

Game Designer · Game Programmer · Game Artist · Game Writer · Level Designer · UI/UX Designer · Sound Designer · Quality Assurance Tester · Game Producer · Technical Artist · Game Server Developer · Online Service Developer · Game Network Programmer

# Master of Science in Information Technology and Systems

The Master of Science in Information Technology and Systems provides fundamental skills in a variety of advanced ICT areas such as cloud computing, big data and the Internet of Things (IoT), with a focus on developing intelligent solutions through a blend of hardware and software. The programme focuses on software as a service infrastructure, information management, enterprise systems and eLogistics. A focus is also placed on systems strategy and management, business process innovation and cyber security. Key to the programme are network security and data management technologies, as well as software defined networking, and the new field of distributed hashing and computing, typified by distributed version control systems and blockchain based crypto-currency.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-Master of Science in Information Technology and Systems jiprovdi ħiliet fundamentali f'varjetà ta' oqsma avvanzati tal-ICT, b'ħall-cloud computing, il-big data u l-Internet tal-Oġġetti (IoT), b'enfasi fuq l-iżvilupp ta' soluzzjonijiet intelliġenti, kemm bl-użu ta' ħardwer kif ukoll ta' software. Il-programm jiffoka fuq is-software b'ħala infrastruttura ta' servizz, il-ġestjoni tal-informazzjoni, is-sistemi tal-intrapriżi u l-logistika elettronika. Issir enfasi wkoll fuq l-istrategija u l-ġestjoni tas-sistemi, l-innovazzjoni tal-proċess tan-negozju u ċ-ċibersigurtà. L-elementi ewlenin tal-programm huma t-teknoloġiji tas-sigurtà tan-netwerk u l-ġestjoni tad-data, kif ukoll in-netwerking definit mis-software, u l-qasam il-ġdid tal-hashing u l-kompjuting distribwit, karatterizzat minn sistemi distribwiti tal-kontroll tal-verżjoni u applikazzjonijiet tal-cryptocurrency ibbażati fuq il-blockchain.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

### Entry Requirements

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A recognised MQF Level 6 qualification at minimum 180 ECTS, in the area of Computing and Information Systems

### Other Entry Requirements

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A MQF Level 5 qualification and adequate professional experience are also considered.

### Course Duration

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PT 5 Semesters

### Mode

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Blended

### MQF Level

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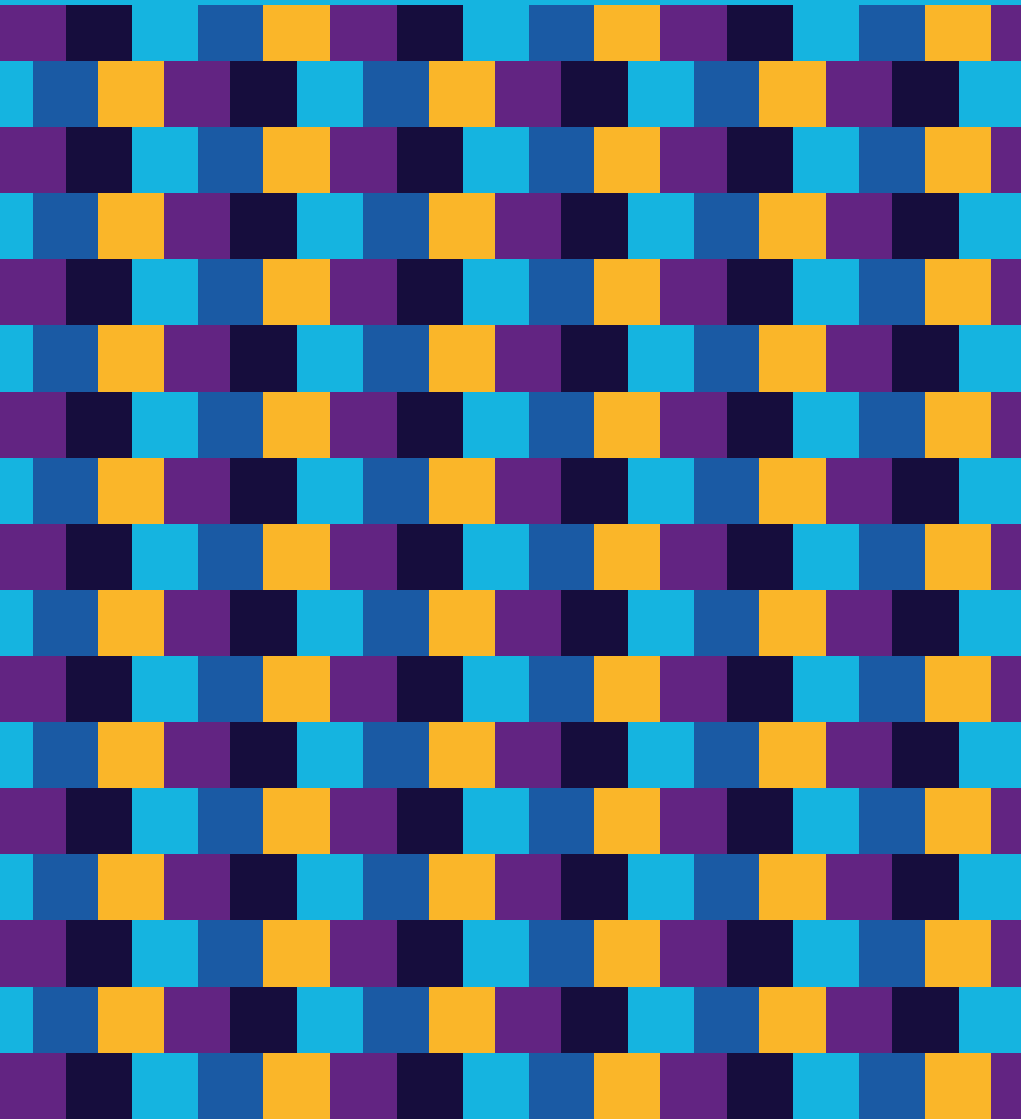
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### Credits

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90 ECTS

# GOZO CAMPUS






# Courses

- 274 Award in Vocational and Employability Skills (Introductory Level A)
- 275 Award in Vocational and Employability Skills (Introductory Level B)
- 276 Introductory Certificate in Construction Engineering
- 277 Foundation Certificate in Community Care Services
- 278 Foundation Certificate in Hairdressing, Beauty and Wellbeing
- 279 Foundation Certificate in Engineering Skills
- 280 Foundation Certificate in ICT
- 281 Diploma in Business
- 282 Diploma in Social Care
- 283 Diploma in Hairdressing
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- 286 Diploma in ICT
- 287 Advanced Diploma in Health Sciences
- 288 Advanced Diploma in Finance and Insurance
- 289 Advanced Diploma in Accounting
- 290 Advanced Diploma in Social Care
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- 292 Advanced Diploma in Electrical Systems
- 294 Advanced Diploma in IT (Computer Systems and Networks)
- 295 Advanced Diploma in IT (Multimedia Software Development)
- 296 Advanced Diploma in IT (Software Development)
- 297 Advanced Diploma in IT (iGaming)
- 298 Bachelor of Arts (Honours) in Early Years
- 299 Bachelor of Arts (Honours) in Inclusive Education
- 300 ACCA Qualification



  
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“ I’m grateful of the guidance, encouragement and education that MCAST provided. The College’s commitment to excellence not only shaped my career but also nurtured a lifelong enthusiasm for continuous learning.”

Bjorn Vella, Electrical Installations Graduate

# Award in Vocational and Employability Skills (Introductory Level A)

The Award in Vocational and Employability Skills (Introductory Level A) is a structured programme of study that helps students with learning disabilities / learning difficulties acquire skills necessary to gain and maintain employment or to further their education. Students will be trained in Hospitality and Retail, and Office Skills. They are also assessed in Key skills which include Maltese, English, Mathematics, IT, PSHE, Daily Living and Community Skills and Customer Care and Employability skills. A work placement experience within the college is also provided. Before enrolling in the programme, students are required to attend a three-day evaluation period to assess their suitability for the course.

L-Award in Vocational and Employability Skills (Introductory Level A) huwa programm ta' studju strutturat, intiż għal studenti li għandhom diżabilità / diffikultajiet fit-tagħlim sabiex jiksbu l-ħiliet neċessarji biex jakkwistaw u jżommu impjieg jew biex ikomplu bl-istudju tagħhom. L-istudenti jiġu mħarrġa fl-Ospitalità u l-Bejgħ u fil-ħiliet tal-Uffiċċju. Huma jiġu assessjati wkoll fil-ħiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, l-ħiliet għall-Ħajja ta' Kuljum u dik Komunitarja u l-ħiliet tal-Kura tal-Klient u tal Impjegabbiltà. L-istudenti jingħataw iċ-ċans li jagħmlu esperjenza ta' taħriġ fil-post tax-xogħol fil-Kulleġġ stess. Qabel ma jirreġistraw għall-programm, l-istudenti jkunu meħtieġa jattendu tlett ijiem ta' evalwazzjoni biex jiġi ikkonfermat li l-kors hu tajjeb għalihom.

## Entry Requirements

Finished Compulsory Education.  
 Provision of documents including Secondary School Leaving Certificate and Profile (SSC & P) .  
 A recent psychological report (issued no more than 3 years before the date of application) and school reports including the last Individual Education Plan (IEP).  
 Adapt to both class-based and community-based learning - to be ascertained through an induction session at MCAST, attendance for which is compulsory.

## Course Duration

1 Year Full-time

## MQF Level

Introductory Level A

## Credits

30 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an Interview.

# Award in Vocational and Employability Skills (Introductory Level B)

The Award in Vocational and Employability Skills (Introductory Level B) is a programme of study following the MCAST Award in Vocational and Employability Skills (Introductory Level A) that helps students with learning disabilities / learning difficulties consolidate the skills necessary to gain and maintain employment or to further their education. Students will have the opportunity to further their studies in a number of vocational areas, namely Hospitality, Office and Digital Skills. They will also focus on Key Skills which include Maltese, English, Mathematics, PSHE, IT, and Daily Living and Community Skills. A work placement experience in industry is also provided.

L-Award in Vocational and Employability Skills (Introductory Level B) huwa programm ta' studju li jsegwi l-MCAST Award in Vocational and Employability Skills (Introductory Level A) u jgħin lill-istudenti b'diżabilità jew b'diffikultà fit-tagħlim jiżviluppaw il-ħiliet meħtieġa biex isibu u jżommu impjieg jew biex ikomplu jistudjaw. L-istudenti jkollhom l-opportunità li jkomplu l-istudji tagħhom fl-oqsma vokazzjonali tal-Ospitalità, Ħiliet tal-Uffiċċju u Ħiliet Diġitali. Huma jiffukaw ukoll fuq il-Ħiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, u l-Ħiliet għall-Ħajja ta' Kuljum u dik Komunitarja. Barra minn hekk, l-istudenti jingħataw iċ-ċans li jagħmlu esperjenza ta' taħriġ f'post tax-xogħol fl-industrija.

## Entry Requirements

MCAST Award in Vocational Skills (Introductory Level A).

Adapt to both class-based and community based learning - to be ascertained through the previous year.

## Course Duration

1 Year Full-time

## MQF Level

Introductory Level B

## Credits

30 ECTS

## Other Entry Requirements

Applicants may be asked to sit for an Interview.

## Career Opportunities

Hospitality – Housekeeping assistant ·  
Kitchen hand · Factory hand · Laundry worker ·  
Clerical – Office assistant · Library assistant

# Introductory Certificate in Construction Engineering

This programme of study provides an opportunity for prospective learners in possession of the Secondary School Certificate and Profile (SSC&P) to experience and train in the basic skills related to the Construction industry. It presents learners with an opportunity to have extensive vocational hands-on practice in various sectors. The course includes practical hands-on experience in woodwork, plumbing, sheet-metal, bench-fitting, electrical and trowel practical exercises. The course includes a significant key skills component that will help learners improve their communication, literacy and numeracy skills. IT and Community Social Responsibility sessions are also part of the key skills component.

Dan il-programm ta' studju jipprovdi lil studenti prospettivi li jkollhom iċ-Ċertifikat u l-Profil tal-Iskola Sekondarja (SSC&P) l-opportunità ta' esperjenza u taħriġ fil-ħiliet bażiċi relatati mal-industrija tal-Kostruzzjoni. Il-programm jippreżenta lill-istudenti opportunità ta' prattika diretta vokazzjonali estensiva f'diversi setturi. Il-kors jinkludi esperjenza prattika fix-xogħol tal-injam, fil-plumbing, fix-xogħol fil-metall u fil-benchfitting, u eżerċizzji prattiċi fl-elettriku u t-tikħil. Il-kors jinkludi komponent sinifikanti ta' ħiliet ewlenin biex jgħin lill-istudenti jtejbu l-ħiliet tagħhom fil-komunikazzjoni, il-litteriżmu u n-numeriżmu. L-IT u r-Responsabbiltà Soċjali fi Hdan il-Komunita` huma wkoll parti mill-komponent tal-ħiliet ewlenin.

## Entry Requirements

Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

1

## Credits

40 ECTS

# Foundation Certificate in Community Care Services

This programme of studies is aimed at those individuals who wish to embark on a future career in the Social Care or Early Years sector. During the year the learners will have a variety of lectures which will give them an understanding of basic concepts related to these sectors. Lectures will focus on human behaviour and development and what constitutes a safe working environment. Learners will also be given the opportunity to strengthen their key skills and become acquainted with organisations in the sector.

Dan il-programm ta' studji huwa mmirat għal dawk l-individwi li jixtiequ jibdew karriera fis-settur tal-Kura Soċjali jew tas-Snin Bikrin. Matul is-sena l-istudenti se jkollhom varjetà ta' lekcjers li jagħtuhom dwar il-kunċetti bażiċi relatati ma' dawn is-setturi. Il-lekcjers se jiffokaw fuq l-imġiba u l-iżvilupp tal-bniedem u x'jikkostitwixxi ambjent tax-xogħol sikur. L-istudenti se jingħataw ukoll l-opportunità li jsaħħu l-ħiliet ewlenin tagħhom u jsiru familjari ma' organizzazzjonijiet fis-settur.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# Foundation Certificate in Hairdressing, Beauty and Wellbeing

This programme provides an overview of hair and beauty practices in preparation for a career in the industry. The modules on offer provide learners with basic knowledge in health and safety practices used in hairdressing and beauty salons. Other modules focus on an understanding of the basic scientific concepts related to all hair and beauty services and treatments, while introducing the learners to basic business concepts. The course also provides learners with real-life scenarios which will enable them to progress to further studies in hairdressing and beauty programmes. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm jipprovdi ħarsa ġenerali lejn il-prattika tax-xagħar u tas-sbuħija bi tnejn għal karrera fl-industrija. Il-moduli jipprovdu lill-istudenti b'għarfien bażiku fil-prattika tas-saħħa u s-sigurtà użati fis-settur tal-parrukkiera u tas-sbuħija. Moduli oħra jiffokaw fuq kunċetti xjentifiċi bażiċi relatati mas-servizzi u t-trattamenti kollha tax-xagħar u tas-sbuħija, filwaqt li jintroduċu lill-istudenti għall-kunċetti bażiċi fin-negozju. Il-kors jipprovdi wkoll lill-istudenti b'xenarji tal-ħajja reali li jippermettulhom jimxu lejn aktar studji aktar avvazati f'dan is-settur. L-istudenti mitluba li jixtru l-aċċessorji meħtieġa tax-xagħar u tas-sbuħija fil-bidu tas-sena akkademika.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS



# Foundation Certificate in Engineering Skills

This course exposes learners to a number of diverse engineering disciplines and trades. It comprises vocational study units covering basic Electrical Installations and Electronics, Mechanical Engineering, Welding and Fabrication, and Woodwork. The programme includes elements of vocational theory and practice that will help learners acquire the knowledge, skills and competences in these vocational areas and form a clear idea of the nature of diverse vocational options that they can pursue at higher levels. Learners will gain experience in the use of tools, materials and engineering processes. This programme also enables learners to improve their key skills which will be contextualised to the vocational content.

Dan il-kors jesponi lill-istudenti għal numru ta' dixxiplini u snajja' tal-inġinerija. Jinkludi unitajiet ta' studju vokazzjonali li jkopru Installazzjonijiet, Inġinerija Mekkanka, Iwweldjar u Fabbrikazzjoni, u Xogħol tal-injam. Il-programm jinkludi elementi ta' teorija u prattika vokazzjonali li se jgħinu lill-istudenti jiksbu l-għarfien, il-ħiliet u l-kompetenzi f'dawn l-oqsma vokazzjonali u jiffurmaw idea ċara tan-natura ta' diversi għażliet vokazzjonali li jistgħu jsegwu f'livelli oġġla. L-istudenti se jiksbu esperjenza fl-użu ta' għodod, materjali u proċessi ta' inġinerija. Dan il-programm jippermetti wkoll lill-istudenti jtejbu l-ħiliet ewlenin tagħhom li se jiġu kuntestwali mal-kontenut vokazzjonali.

## Entry Requirements

Finished Compulsory Education  
or MCAST Introductory Certificate  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# Foundation Certificate in ICT

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer support in these technologies and help other IT specialists in their daily job. The Foundation Certificate in ICT offers knowledge in basic skills as well as knowledge in the fundamentals of computer systems, programming skills, computer graphics and the creation of ICT projects. This programme of study is not intended to prepare the learner for immediate employment. However, it is the first in a string of programmes that will eventually prepare the learner to embark on a career within the computing industry.

L-industrija tal-ICT hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu lil speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. Il-Foundation Certificate in ICT joffri għarfien fir-rigward tal-ħiliet bażiċi u tal-elementi fundamentali tas-sistemi tal-kompjuter, il-ħiliet tal-iprogrammar, il-grafika tal-kompjuter u l-ħolqien ta' proġetti tal-ICT. Dan il-programm ta' studju mhuwiex maħsub biex iħejji lill-istudent għal impjeg immedjat. Madankollu, huwa l-ewwel f'sensiela ta' programmi li eventwalment iħejju lill-istudent sabiex jaqbad karriera fl-industrija tal-computing.

## Entry Requirements

MCAST Introductory Certificate  
or  
Finished Compulsory Education  
Initial Assessment Tests (as may be applicable)

## Course Duration

1 Year Full-time

## MQF Level

2

## Credits

60 ECTS

# Diploma in Business

This programme is aimed at preparing learners to further their studies in different areas of business. It is a preparatory course for those wishing to further their studies at MCAST on to MQF Level 4. The course aims to allow learners to improve in the areas of written and spoken English and Maltese as well as in their Mathematical and IT skills. The course however also goes into more detail, while starting from the very basics of different business areas and functions such as Accounts, Human Resources, Marketing, Purchasing, and others. This generic background allows the students to bring their academic level up to scratch, while acquiring enough knowledge about the different business areas to be able to progress onto further studies.

Dan il-programm huwa mmirat lejn it-tnejn ta' studenti biex ikompli l-istudji tagħhom f'oqsma differenti tan-negozju. Huwa kors preparatorju biex wieħed ikompli l-istudji tiegħu fl-MCAST fil-Livell 4 tal-MQF. Il-kors għandu l-għan li jgħin lill-istudenti jtejbu l-ħiliet tagħhom fl-oqsma tal-kitba u t-taħdit bl-Ingliż u bil-Malti, kif ukoll il-ħiliet tagħhom fil-Matematika u l-IT. Madankollu, il-kors jidhol ukoll f'ħafna aktar dettall, filwaqt li jibda mill-kunċetti verament bażiċi ta' oqsma u funzjonijiet differenti tan-negozju bħall-Accounts, ir-Riżorsi Umani, il-Marketing, ix-Xiri u oħrajn. Dan l-isfond ġeneriku jippermetti lill-istudenti jtejbu l-livell akkademiku tagħhom sa standard aċċettabbli, filwaqt li jiksbu biżżejjed għarfien dwar l-oqsma differenti tan-negozju sabiex ikunu jistgħu jkomplu jistudjaw f'livell aktar avvanzat.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

Applicants with a good working knowledge of the English Language will better benefit from a positive learning experience throughout the course.

## Course Duration

1 Year Full-time

## Mode

May include the possibility of Work-Based Learning

## MQF Level

3

## Credits

60 ECTS

## Career Opportunities

Clerical assistant · Shop cashier

# Diploma in Social Care

Prospective candidates who enrol in this course should have an interest in working with children, adolescents in supported accommodation, elderly persons and persons with disabilities. Lectures include a number of varied topics such as effective communication, creativity, human development, safe practices, rights and dignity for different service users and delivering personal care. The programme offers an opportunity for learners to carry out work-based learning in two different host organisations in the sector. They will be expected to carry out various assigned tasks under supervision. For learners who do not wish to further their studies, this one-year programme provides a suitable exit point to seek employment as a care worker.

Il-Kandidati prospettivi li jirreġistraw għal dan il-kors full-time għandhom ikollhom interess li jaħdmu mat-tfal, maż-żgħażaġh li jgħixu fil-komunità u persuni anzjani u persuni b'diżabilità. Il-lezzjonijiet jinkludu għadd ta' suġġetti varjati bħal komunikazzjoni, il-kreattività, l-iżvilupp uman, prattici ta' sigurtà, id-dinjità u d-drittijiet tal-individwi u l-kura personali. Barra minn hekk, dan il-programm ta' studju joffri opportunità biex l-istudenti jirċievu tagħlim ibbażat fil-post tax-xogħol, f'zewġ organizzazzjonijiet differenti fis-settur. Hawnhekk ikunu mistennija jwettqu, taħt superviżjoni, ix-xogħol li huma jiġu assenjati. Fil-każ ta' studenti li ma jixtiequx ikomplu l-istudji tagħhom, dan il-programm ta' sena jipprovdi punt ta' f'ruġ xieraq biex wieħed isib impjeg bħala ħaddiem ta' appoġġ.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean Police Conduct Certificate

## Course Duration

1 Year Full-time

## Mode

Includes Work  
Placement

## Career Opportunities

Care worker

## MQF Level

3

## Credits

60 ECTS

# Diploma in Hairdressing

This programme of studies leads to a career in the hairdressing industry. This course allows learners to acquire skills which are relevant to succeed and be competitive in the hairdressing industry. Alternatively, learners may wish to consider furthering their studies by progressing to the Level 4 Advanced Diploma programme in Hairdressing. Learners cover a variety of study units such as client consultation, hair cutting and styling for different occasions, hair colouring, perming and straightening. The course includes experience in the College's salon as well as placements in industry as part of the Apprenticeship scheme. Other modules relate to health and safety practices in the salon and the science of hairdressing. Learners will also further their skills and competencies. Learners are required to purchase the necessary hairdressing accessories at the beginning of the academic year.

Dan il-programm ta' studji jwassal għal karriera fl-industrija tal-hairdressing. Dan il-kors jippermetti lill-istudenti jiksbu ħiliet li huma rilevanti biex jirnexxu u jkunu kompetittivi fl-industrija tal-parrukkiera. Inkella, l-istudenti jistgħu jikkunsidraw li jkomplu bl-istudji tagħhom billi jkomplu il-programm ta' Livell 4 Diploma in Hairdressing. L-istudenti jkopru varjetà ta' unitajiet ta' studju bħal konsultazzjoni mal-klijenti, qtugħ tax-xagħar u grafika għal-okkażjonijiet differenti, kulur tax-xagħar, perming u drittar. Dan jinkludi esperjenza fis-salon tal-Kulleġ kif ukoll placement fl-industrija bħala parti mill-iskema tal-Apprendistat. L-istudenti se jsaħħu wkoll il-ħiliet u l-kompetenzi tagħhom. Moduli oħra għandhom x'jaqsmu mal-prattika tas-saħħa u s-sigurtà fis-salon u x-xjenza tal-hairdressing. L-istudenti huma mitluba li jixtru l-aċċessorji meħtieġa għall-parrukkiera fil-bidu tas-sena akkademika.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

1 Year Full-time

## MQF Level

3

## Mode

Apprenticeship

## Credits

60 ECTS

## Career Opportunities

Assistant hair stylist for women · Sales representative for hair products

# Diploma in Electrical Installations

This programme serves as an initial step for those who are interested in pursuing a career in electrical systems, such as that of an Electrician within the construction industry. This course is designed to provide basic theory and practice related to electrical installations, that are then enhanced through work-based learning. The course consists of both key skill units and vocational units, with most of them carried out in workshops and laboratories. This course provides a good foundation for future career opportunities in engineering and may also serve for progression to level 4 engineering courses.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karrera f'sistemi elettrici, b'hal dik ta' electrician fl-industrija tal-kostruzzjoni. Dan il-kors huwa mfassal biex jipprovdi teorija bażika u prattika relatata ma' installazzjonijiet elettrici, li mbagħad jissaħħu permezz tat-tagħlim ibbażat fuq ix-xogħol. Il-kors jikkonsisti f'numru ta' suġġetti relatati mal-ħilijiet ewlenin u dawk vokazzjonali, li jiġu mgħallma għol-workshops u l-laboratorji. Dan il-kors jipprovdi bażi tajba għall-opportunitajiet fl-inġinerija u jista' wkoll iservi b'ħala progressjoni għall-korsijiet f'livell erbgħa tal-inġinerija.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Career Opportunities

Assistant electrician • Machine operator

## Course Duration

1 Year Full-time

## Mode

Apprenticeship

## MQF Level

3

## Credits

60 ECTS

# Diploma in Mechanical Engineering

If learners intend to embark on an engineering career specialising particularly in the mechanical sector, then this course is recommended. This MCAST programme is designed to provide basic theory and practice that can be further enhanced through work experience. Learning takes place by attending lectures in the classroom, in workshops and in laboratories, and by completing projects and assignments that are often based on realistic workplace situations. The course covers the basic knowledge and practical skills, providing a good foundation for future career opportunities in engineering. Learners are exposed to a deeper knowledge in related subjects such as Mathematics, Physics, Engineering Drawing and Information Technology.

Dan il-kors huwa rrakkomandat għal dawk l-istudenti li jkollhom l-intenzjoni li jibdew karrera fl-inginerija li tispeċjalizza b'mod partikolari fis-settur mekkaniku. Dan il-programm tal-MCAST huwa mfassal biex jipprovdi t-teorija u l-prattika f'livell bażiku. Dawn jistgħu jiġu msaħħa permezz ta' esperjenza ta' xogħol. It-tagħlim jikkonsisti f'lezzjonijiet fil-klassi, fil-workshops u fil-laboratorji, u fit-twettiq ta' proġetti u assignments li ħafna drabi jkunu bbażati fuq sitwazzjonijiet realistiċi fuq il-post tax-xogħol. Il-kors ikopri l-għarfien u l-ħiliet prattiċi bażiċi, filwaqt li jipprovdi bażi tajba għal opportunitajiet ta' karrera fl-inginerija fil-futur. L-istudenti huma esposti għal għarfien aktar profund f'suġġetti relatati, bħall-Matematika, il-Fiżika, l-Engineering Drawing u t-Teknoloġija tal-Infommazzjoni.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes

## Course Duration

1 Year Full-time

## MQF Level

3

## Mode

Apprenticeship

## Credits

60 ECTS

## Career Opportunities

Machine operator · Technical operator · Assistant technician

# Diploma in ICT

The ICT industry is a dynamic sector which requires a number of technical people to cope with the constantly evolving computing technologies. IT persons offer technical support in these technologies and help other IT specialists in their daily job. The Diploma in ICT is the first step in a block of a three-year training programme designed to provide the necessary skills to work in the computing industry. At this level of study learners will be introduced to fundamental subjects in the networking, software development, web development and multimedia areas. At the end of the course learners will be able to use modern computer and multimedia systems and networks in the workplace.

L-industrija tal-ICT hija settur dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji tal-computing li qed jevolvu kontinwament. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġiji u jgħinu lil speċjalisti oħra tal-IT fix-xogħol tagħhom ta' kuljum. Id-Diploma in ICT hija l-ewwel pass fi programm ta' taħriġ ta' tliet snin, imfassal biex jipprovdi l-ħiliet neċessarji biex wieħed ikun jista' jaħdem fl-industrija tal-computing. F'dan il-livell ta' studju, l-istudenti jiġu introdotti għal suġġetti fundamentali fl-oqsma tan-netwerking, l-iżvilupp tas-software, l-iżvilupp ta' websajts u l-multimidja. Fi tmiem il-kors l-istudenti jkunu jistgħu jużaw sistemi u netwerks moderni tal-kompjuter u tal-multimidja fil-post tax-xogħol.

## Entry Requirements

MCAST Foundation Certificate  
or  
2 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: One subject from Mathematics  
or Computer Studies or Physics or Information  
Technology\*  
\*Information Technology refers to SEC at Grade 5  
or higher, or SSCP IT-VET at MQF 3 or equivalent.

## Course Duration

1 Years full-time

## Mode

May include the  
possibility of Work-  
Based Learning

## MQF Level

3

## Credits

60 ECTS



# Advanced Diploma in Health Sciences

This programme of study has been developed to prepare individuals for health related careers. The study units deal with the anatomy and physiology of the human body and with the physical and psychological changes due to ageing. Learners will build competences that will help them deal with people with health issues and challenging behaviour. Through work placements, learners will get the opportunity to develop the skills and competences required to work within the health sector.

Dan il-programm ta' studju ġie żviluppat biex iħejji lill-istudenti għal karrieri relatati mas-saħħa. L-unitajiet ta' studju jindirizzaw l-anatomija u l-fiżjoloġija tal-ġisem tal-bniedem, kif ukoll it-tibdil fiżiku u psikoloġiku minħabba x-xjuħija. Il-kors jgħin lill-istudenti jiżviluppaw kompetenzi li jgħinuhom jittgħallmu kif iġibu ruħhom ma' persuni bi problemi ta' saħħa u ta' mgħiba diffiċli. Permezz ta' taħriġ fuq il-post tax-xogħol, l-istudenti jkollhom l-opportunità li jiżviluppaw il-ħiliet u l-kompetenzi meħtieġa biex jaħdmu fis-settur tas-saħħa.

## Entry Requirements

MCAST Diploma in Applied Science  
or  
MCAST Diploma in Health and Social Care  
or  
MCAST Diploma in Social Care  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and Mathematics and Biology

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Includes Work Placement

## Credits

120 ECTS

## Career Opportunities

Allied health assistant · Paramedic aide

## Other Entry Requirements

Applicants will be subject to an occupational health screening to establish their suitability for the Placement which is a mandatory part of this programme. Once course would have started, failure to present a successful health screening, will result in not being in a position to go on work placements which will preclude from a successful completion of course. Applicants must also provide evidence of a clean police conduct certificate.

# Advanced Diploma in Finance and Insurance

This course is aimed at people who would like to venture in one of the many careers related to financial services. The first year of studies introduces learners to generic areas of financial services including the world of insurance. In the second year of studies, learners will then choose an area of specialisation. Specialisation can be either in financial services or else in insurance. This approach ensures that any learner following this course is exposed to different areas of the financial services world, thus giving them better flexibility in career prospects. Learners choosing the main area of expertise will be very strong in the specific area chosen, while having a good understanding of the other area.

## NOTE:

Students taking this course at the Gozo Campus can only pursue the Financial Services specialisation stream in the second year of the course. Students opting for the Insurance Studies stream will need to continue their studies at the MCAST Main Campus in Paola.

Dan il-kors huwa mmirat għal studenti prospettivi li qegħdin jaspiraw għal karriera fid-dinja tas-Servizzi Finanzjarji. L-ewwel sena tal-kors hija maħsuba biex tintroduci lill-istudenti għas-setturi differenti tal-industrija tas-servizzi finanzjarji, inkluż l-assigurazzjoni. Fit-tieni sena tal-kors, l-istudenti jagħżlu li jspeċjalizzaw jew fil-qasam tas-servizzi finanzjarji u bankarji jew inkella fl-istudji tal-assigurazzjoni. B'dan il-mod, fl-ewwel sena l-istudenti jjieħdu bażi soda tal-aspetti u l-oqsma kollha tas-servizzi finanzjarji u għaldaqstant ikollhom aktar flessibbiltà mil-lat ta' impjegji. Permezz tal-għażla ta' speċjalizzazzjoni fit-tieni sena, l-istudenti jjieħdu għarfien aktar fil-fond fis-settur tal-għażla tagħhom, filwaqt li jkollhom għarfien adegwat fis-settur l-ieħor.

## NOTA:

Studenti ta' dan il-kors li jattendu l-Kampus ta' Ghawdex, ikunu jistgħu biss isegwu l-ispeċjalizzazzjoni tas-Servizzi Finanzjarji fit-tieni sena tal-kors. L-istudenti li jagħżlu li jspeċjalizzaw fl-Assigurazzjoni jkunu meħtieġa jkomplu l-istudji tagħhom fil-Kampus Ewlieni tal-MCAST f'Rahaħ Ġdid.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and  
Mathematics

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Within the Insurance Industry:

Account handler · Claims handler

Insurance claims surveyor · Insurance clerk

Within the Financial Services Industry:

Bank cashier · Clerical and other Officer roles

within banks and other financial services

institutions

# Advanced Diploma in Accounting

This programme aims to give learners a very good grounding in the studying of Accounts. Study areas range from aspects of financial management accounting to the use of accounting software and more generic areas of key skills. The course includes hands-on experience through Apprenticeship where students will learn by doing and gain experience first-hand on the application of the theory. Students who finish the course will have sufficient accounting knowledge and skills to commence employment in an accountancy field, or to enable them to further their studies to obtain qualifications from recognised chartered accountancy bodies.

Dan il-programm għandu l-għan li jipprovdi lill-istudenti bażi tajba ħafna fl-istudju tal Accounts. L-oqsma tal-istudju jvarjaw minn aspetti ta' financial management accounting għall-użu ta' softwer li huwa speċifiku għall-accounting u oqsma ta' ħiliet ewlenin aktar ġeneriċi. Il-kors jinkludi esperjenza Prattika bis-saħħa ta' Apprendistat li matulu l-istudenti jittgħallmu b'mod Prattiku u jakkwistaw esperjenza Prattika fl-applikazzjoni tat-teorija. Studenti li jtemmu l-kors ikollhom biżżejjed għarfien u ħiliet biex jaqdbu jaħdmu fil-qasam tal-accountancy, jew biex ikomplu jistudjaw biex jiksbu kwalifiki minn korpi rikonoxxuti ta' chartered accountancy.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language and  
Mathematics

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Accounts clerk · Accounts administrator · Audit  
assistant · Credit management officer

# Advanced Diploma in Social Care

This is a two-year full-time programme of studies during which the learner becomes better acquainted with the specialised services offered by different agencies and organisations in the care sector. Lectures deal with delivering personal care, sociological and psychological perspectives in care, legislation, communication skills and health practices. Lecturers will present scenarios which are dynamic and thought-provoking allowing the learners to be prepared to work in challenging environments dealing with vulnerable individuals. A work-based learning component is included in the framework of this programme.

Dan huwa programm full-time ta' sentejn li matulu l-istudenti jsiru aktar familjari mas-servizzi speċjalizzati offruti minn aġenziji u organizzazzjonijiet differenti fis-settur tal-kura. Il-lezzjonijiet jitrattaw il-kura personali, perspettivi soċjoloġiċi u psikoloġiċi, il-leġiżlazzjoni, il-ħiliet tal-komunikazzjoni u l-bijoloġija tal-bniedem. L-għalliema jipprezentaw xenarji li huma dinamiċi u li jġiegħlu lill-istudenti jaħsbu, u l-istudenti jithejjew biex jaħdmu f'ambjenti ta' sfida ma' individwi vulnerabbli. Komponent ta' tagħlim ibbażat fuq ix-xogħol huwa inkluz fil-qafas ta' dan il-programm.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements;
- and
- present a clean Police Conduct Certificate

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Social support worker

# Advanced Diploma in Children's Care, Learning and Development

This programme of studies provides learners with practical experience in child care. This also entails pedagogical practices based on theories related to the Early Years. This programme also allows learners to delve into health and safety issues, research related to contemporary issues in the early years. Learners will gain experience from work placement programmes, one placement with a baby and another with a group of toddlers. Learners will observe, plan and implement age appropriate creative activities through the Emergent Curriculum approach. At the end of the first academic year, successful learners will have the option to exit their studies and be awarded the MCAST Award in Children's Care, Learning and Development, to work as Child Care Practitioners.

Dan il-programm ta' studju jipprovdi tagħlim prattiku fil-qasam tal-kura tat-tfal. Dan jinkludi prattika pedagogika fuq il-prinċipji bbażati fuq is-snin bikrija. Dan il-programm jippermetti wkoll lill-istudenti jidhlu fil-qasam ta' saħħa u sigurtà, riċerka relatata ma' kwistjonijiet kontemporanji fis-snin bikrija. L-istudenti se jiksbu esperjenza minn programmi ta' work placement, fosthom placement ma' tarbija u ieħor ma' grupp ta' tfal żgħar. L-istudenti se josservaw, jippjanaw u jimplementaw attivitajiet kreattivi addatti għall-età permezz tal-Kurrikulu Emerġenti. Fi tmiem l-ewwel sena akkademika, l-istudenti ta' suċċess se jkollhom l-għażla li jieqfu mill-istudju tagħhom u jingħataw l-MCAST Award in Children's Care, Learning and Development biex jaħdmu bħala Child Care Practitioners.

## Entry Requirements

Any MCAST Level 3 Diploma  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: English Language, Maltese,  
Mathematics

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- present a clean police conduct certificate;
- complete a Basic First Aid course;
- complete a Paediatric First Aid course;
- vaccination card with complete vaccination programme.

## Course Duration

2 Years Full-time

## Mode

Includes Work  
Placement

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

Child Care Educator

# Advanced Diploma in Electrical Systems

This course is intended for learners who wish to pursue a career as technicians in electrical power systems in both the domestic and the industrial sectors. The course includes the requirements set by the Regulator for Energy and Water Services (REWS) for the Electrical Wireman's Authorisation A and Authorisation B. This ensures a solid technical competence and understanding of the regulations and health and safety requirements governing the electrical installation industry. This course contains modules related to Photovoltaic Systems, Building Services and Electronic Control Systems that give candidates a solid grounding in the technologies involved in the building services industry. Candidates will also receive exposure to Mechanical Workshop practice.

Dan il-kors huwa maħsub għall-istudenti li jixtiequ jibdew karrera bħala technicians f'sistemi tal-enerġija elettrika għas-settur domestiku kif ukoll għal dak industrijali. Il-kors jinkludi r-rekwiżiti, kif stabbiliti mir-Regolatur tas-Servizzi tal-Enerġija u l-Ilma (REWS), għall-Awtorizzazzjoni A u l-Awtorizzazzjoni B ta' persuni li jgħaddu l-wires tal-Elettriku. Dan jipprovi lill-kandidati kompetenza teknika soda u fehim tar-regolamenti u tar-rekwiżiti tas-saħħa u s-sigurtà li jirregolaw l-industrija tal-installazzjoni tal-elettriku. Dan il-kors jinkludi unitajiet relatati ma' Sistemi Fotovoltajċi, l-Inġinerija tas-Servizzi tal-Bini u Sistemi ta' Kontroll Elettroniku li jipprovi lill-istudenti għarfien bażiku sod tal-inġinerija involuta fl-industrija tas-servizzi tal-bini. Il-kandidati jwettqu wkoll prattika f'Workshop Mekkaniku.

## Entry Requirements

Any MCAST MQF Level 3 Diploma delivered by the Institute of Engineering and Transport, the Institute of Applied Sciences, and the Information and Communication Technology or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: One subject from Engineering Technology or Design and Technology or Chemistry or Mathematics or Physics

## Other Entry Requirements

All applicants are asked to sit for a Medical Test in view of any Colour Blindness

## Course Duration

3 Years Full-time

## Mode

Apprenticeship

## MQF Level

4

## Credits

120 ECTS



## Career Opportunities

Electrician (including 3-phase industrial installations) - Electrical technician (plant)



DE 1 ASSIGNMENT 1

- 50mm GALV STEEL TRAYING — 400mm
- STEEL CABLE TRAY 10mm x 35mm — 400mm
- SPACE EFFICIENT STEEL CABLE TRAY — 600mm
- CABLE — 600mm



# Advanced Diploma in IT (Computer Systems and Networks)

The Advanced Diploma in Computer Systems and Networks offers a diversity of units with innovative learning material and labs. The course provides ample hands-on experience to engage learners in acquiring practical skills and knowledge to assist them with establishing a career within the IT field. The duration of this programme is spread over two years the first entailing units are common to all IT streams. The intent is to ensure that learners broaden their knowledge beyond the central area of study. Lastly, the second focuses on the core aspects of routing, switching, infrastructure design principles and virtualisation techniques to implement and manage a small to a medium-sized enterprise network environment. Finally, work-based learning is also delivered utilising apprenticeship schemes to ensure that learners are adequately prepared and competent for the industry. This essentially empowers them and allows them to apply their skills in real-life environments and obtain knowledge to aid them in their studies.

Id-Diploma Avanzata f'Sistemi u Netwerks tal-Kompjuter toffri diversità ta' unitajiet b'materjal ta' tagħlim u laboratorji innovattivi. Il-kors jipprovdi esperjenza prattika biżżejjed biex jinvolvi lill-istudenti biex jiksbu ħiliet u għarfien prattiċi biex jgħinuhom jistabbilixxu karriera fil-qasam tal-IT. It-tul ta' dan il-programm huwa mifruq fuq sentejn, l-ewwel unitajiet li jinvolvu huma komuni għall-istudenti kollha tal-IT. L-intenzjoni hija li jiġi żgurat li l-istudenti jwessgħu l-għarfien tagħhom lil hinn mill-qasam ċentrali ta' studju. Fl-aħħar nett, it-tieni jiffoka fuq l-aspetti ewlenin tar-rotot, il-bdil, il-prinċipji tad-disinn tal-infrastruttura u t-tekniki tal-virtwalizzazzjoni biex jiġu implimentati u mmaniġġjati ambjent ta' netwerk ta' intrapriżi żgħar u ta' daqs medju. Fl-aħħar nett, it-tagħlim ibbażat fuq ix-xogħol jingħata wkoll bl-użu ta' skemi ta' apprendistat biex jiġi żgurat li l-istudenti jkunu ppreparati u kompetenti b'mod adegwat għall-industrija. Dan jippermettilhom japplikaw il-ħiliet tagħhom f'ambjenti tal-ħajja reali u jiksbu għarfien biex jgħinuhom fl-istudji tagħhom.

## Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

Apprenticeship

## Credits

120 ECTS

## Career Opportunities

Junior/assistant systems administrator · Junior/assistant network administrator · Junior/assistant database administrator · End user support

## Other Entry Requirements

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.



# Advanced Diploma in IT (Multimedia Software Development)

The world wide web is one area that is growing fast in terms of the skills needs of companies. Multimedia is the incorporation of text, sound, graphics, animation, still images and video in conjunction with computer technology. This course will provide the learners with the core software development skills along with the necessary knowledge for multimedia artefact development, manipulation and integration. The first year of this course will be common for all learners following Advanced Diploma studies. During the second year, learners will focus on Multimedia and Software Development oriented subjects, such as game development and mobile application development. This is a technical course for learners with an artistic inclination.

Il-world wide web huwa settur li qed jikber b'mod rapidu fir-rigward tal-ħiliet meħtieġa mill-kumpaniji. Il-multimidja tinkorpora t-test, il-ħoss, il-grafika, l-animazzjoni, l-immaġnijiet fissi u l-vidjo flimkien mat-teknoloġija tal-kompjuter. Il-kors jipprovdi lill-istudenti l-ħiliet ewlenin fl-iżvilupp tas-software, flimkien mal-għarfien neċessarju għall-iżvilupp, il-manipulazzjoni u l-integrazzjoni tal-artifatti tal-multimidja. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkunu qed jistudjaw biex iġibu l-Advanced Diploma. Fit-tieni sena, l-istudenti jiffokaw fuq suġġetti orjentati lejn il-Multimidja u l-iżvilupp tas-Software, bħall-iżvilupp tal-logħob u l-iżvilupp ta' applikazzjonijiet tal-mobile. Dan huwa kors tekniku għal studenti b'inklinazzjoni artistika.

## Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*  
\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.  
(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

## Course Duration

2 Years Full-time

## Mode

May include the possibility of Work-Based Learning

## Career Opportunities

Junior front end developer · Junior game developer · Junior application developer · Junior mobile application developer

## Other Entry Requirements

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.

## MQF Level

4

## Credits

120 ECTS

# Advanced Diploma in IT (Software Development)

The Advanced Diploma in Software Development is a practical, hands-on qualification ensuring that learners utilise the most up-to-date practices and current programming languages. This course is the first step towards becoming a software developer. It will provide the learners with the core software development skills along with the necessary knowledge for the design and development of software applications. The first year of this course will be common for all learners following the Advanced Diploma. During the second year of studies, learners will focus on Software Development subjects such as: server side and client side scripting; database design and development; and mobile application development.

L-Advanced Diploma in Software Development hija kwalifika prattika li tiżgura li l-istudenti jużaw il-prattiċi l-aktar aġġornati u l-lingwi tal-ipprogrammar l-aktar kurrenti. Dan il-kors huwa l-ewwel pass biex wieħed isir żviluppatur tas-software. Huwa jipprovdi lill-istudenti l-ħiliet ewlenin fl-iżvilupp tas-software, flimkien mal-għarfien neċessarju għad-disinn u l-iżvilupp ta' applikazzjonijiet tas-software. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkunu qed isegwu l-Advanced Diploma. Matul it-tieni sena, l-istudenti jiffokaw fuq suġġetti marbuta mal-iżvilupp tas-Software bħal: server side u client side scripting; id-disinn u l-iżvilupp ta' databases; u l-iżvilupp ta' applikazzjonijiet tal-mobile.

## Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*  
\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.  
(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

## Course Duration

2 Years Full-time

## MQF Level

4

## Mode

May include the possibility of Work-Based Learning

## Credits

120 ECTS

## Career Opportunities

End user support · Junior software tester · Junior software developer · Junior database developer · Junior web developer

## Other Entry Requirements

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.

# Advanced Diploma in IT (iGaming)

The Advanced Diploma in iGaming is the next level up from the diploma route, and provides hands-on experience to learners targeting junior roles in this innovative sector. It can also serve as a precursor to Software Development, iGaming, Digital Games or Business Analytics degrees. This two-year programme provides a balance of core software, web and mobile app/game development skills alongside advanced digital marketing, search engine optimisation (SEO), database design and implementation, advanced Mathematics, Data Analytics and Visualisation. The first year of this programme focuses on providing learners with core development skills whereas the second year provides further specialisation and puts the core skills to good use through work-based learning (subject to eligibility), real-world implementations and projects. Upon completion of this programme, skilled individuals targeting this sector will be in a position to build a comprehensive portfolio.

\*Apprenticeship is subject to iGaming legal requirements. Please note that applicants who are not yet 18 years of age can still apply for the course and will be doing a replacement unit.

L-Advanced Diploma in iGaming huwa l-kors fil-livell li jmiss wara d-Diploma in iGaming, u jipprovdri esperjenza prattika lil studenti li jkunu qed jimmiraw li jsibu pożizzjonijiet fi gradi mhux għoljin wisq f'dan is-settur innovattiv. Din id-Diploma Avanzata tista' wkoll isservi bħala thejjija għal kwalifiki fil-livell ta' baċcellerat fl-iżvilupp tas-Software, fl-iGaming, fil-Logħob Diġitali jew fil-Business Analytics. Dan il-programm ta' sentejn jipprovdri bilanċ ta' ħiliet ewlenin fl-iżvilupp tas-software, il-web u applikazzjonijiet għall-mobile/logħob, flimkien ma' ħiliet f'sistemi avvanzati ta' marketing diġitali, search engine optimization (SEO), it-tfassil u l-implimentazzjoni ta' databases, matematika avvanzata, data analytics u viżwalizzazzjoni. Il-programm jipprovdri biex matul l-ewwel sena l-istudenti jiksibu ħiliet ewlenin fl-iżvilupp tas-sistemi, filwaqt li fit-tieni sena huma jkomplu jispesjalizzaw u jipprattikaw il-ħiliet ewlenin li jkunu kisbu fil-post tax-xogħol (suġġett għall-eliġibilità), u billi jimplementawhom fil-ħajja ta' veru u fi proġetti oħra. Wara li jtemmu l-kors, l-istudenti mħarrġa biex isibu impjeg f'dan is-settur, ikunu f'pożizzjoni li jibnu portafoll komprensiv.

\* L-Apprendistat huwa suġġett għar-rekwiżiti legali tal-iGaming. Ta' min jinnota li dawk l-applikanti li jkunu għadhom ma għalqux it-18-il sena jistgħu japplikaw għall-kors iżda minflok l-apprendistat jiġi pprovdut lilhom taħriġ alternattiv.

## Entry Requirements

MCAST Diploma in IT  
or  
MCAST Diploma in iGaming  
or  
Any MCAST Level 3 Diploma, whilst being in possession of the compulsory subjects as indicated hereunder  
or  
4 SEC/O-Level/SSC&P (Level 3) passes  
Compulsory: Mathematics  
and  
Compulsory: Computer Studies or Physics or Information Technology\*

\* Information Technology refers to SEC at Grade 5 or higher, or SSCP IT-VET at MQF 3 or equivalent.

(where applicable) MCAST also gives due recognition to ICT C3 as will be shown on the applicant's SSCP

## Course Duration

2 Years Full-time

## Mode

Apprenticeship\*

## MQF Level

4

## Credits

120 ECTS

## Career Opportunities

End user support · Junior software tester · Junior software developer · Junior database developer · Junior web developer

## Other Entry Requirements

Applicants with a good working knowledge of English Language will benefit from a more positive learning experience throughout the course.

# Bachelor of Arts (Honours) in Early Years

The degree prepares learners to work in an Early Years setting with children aged three to five. Throughout the first two years of the course, learners cover different components of the required learning that leads students to become practitioners with further specialisation in more specific areas. Throughout the course learners experience placement within an early years setting to progressively become adept at working with a group of children using the emergent curriculum approach.

Il-kors jipprepara lill-istudenti biex jaħdmu f'ambjent ta' Snin Bikrin ma' tfal ta' bejn tlieta u ħames snin. Matul l-ewwel sentejn tal-kors, l-istudenti jkopru komponenti differenti tat-tagħlim meħtieġ li jwassal lill-istudenti biex isiru prattikanti b'aktar speċjalizzazzjoni f'oqsma aktar speċifiċi. Matul il-kors, l-istudenti jagħmlu work placement fi żmien snin bikrija biex b'mod progressiv isiru kapaċi jaħdmu ma' grupp ta' tfal li jużaw il-metodu tal-kurrikulu emergenti.

## Entry Requirements

MCAST Advanced Diploma in Children's Care, Learning and Development  
or  
Advanced Diploma in Health and Social Care  
or  
Advanced Diploma in Social Care  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory A-Level or I-Level: Two subjects from Mathematics or English or Maltese  
and  
Compulsory: A pass at SEC/O-Level in the subject that is not presented at A-level or I-level

## Course Duration

3 Years Full-time

## MQF Level

6

## Mode

Includes Work  
Placement

## Credits

180 ECTS

## Career Opportunities

Kinder Garten Educator · Child Care Centre  
Manager

## Other Entry Requirements

Prior to embarking on a Work Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- present a clean police conduct certificate;
- complete a Basic First Aid course;
- complete a Paediatric First Aid course;
- vaccination card with complete vaccination programme

Before starting the third year of their studies, students would need to have presented official certification confirming their Proficiency in

Maltese and English. To progress to the third year of the course, students must have obtained a pass in Maltese and English O'level (Grade 5 or better). Alternatively, students can attend the preparatory lectures in Maltese and English proficiency delivered throughout the second year of the course and obtain a mark of 50 or higher in the assessments. Only the proficiency tests acquired throughout the second year of the same course are accepted.

Any entry requirements presented in this Prospectus, are intended for educational purposes. Employers will eventually set their own job vacancy requirements which obviously need to be respected by all those applying for that particular vacancy.

# Bachelor of Arts (Honours) in Inclusive Education

This programme of studies focuses on how educational institutions in general, and the classroom settings specifically, can become more inclusive to cater for different individual needs. The learners tackle a variety of study units aimed at identifying what barriers exist which may be preventing learners from accessing quality education. The study units also explore innovative techniques of how these barriers can be overcome so that all learners feel valued during compulsory schooling years. This course includes work placement opportunities held once every year aimed at observing good practices in educational settings and developing a mindset of promoting inclusive communities that celebrate diversity and cater for the diverse needs of different groups of learners.

Dan il-programm ta' studju jiffoka fuq kif l-istituzzjonijiet edukattivi b'mod ġenerali, u l-ambjenti tal-klassi b'mod speċifiku, jistgħu jsiru aktar inklużivi biex jilħqu ħtiġijiet individwali differenti. L-istudenti tal-bachelorat jittrattaw varjetà ta' unitajiet ta' studju li għandhom l-għan li jidentifikaw dawk l-ostakoli li jistgħu jkunu qegħdin iżommu lill-istudenti milli jkollhom aċċess għal edukazzjoni ta' kwalità. Barra minn hekk, l-unitajiet ta' studju jesploraw ukoll tekniki innovattivi dwar kif jistgħu jingħelbu dawn l-ostakoli, sabiex l-istudenti kollha jhossuhom stmati matul is-snin ta' edukazzjoni obbligatorja, u possibilmnt anke wara. Dan il-kors jinkludi opportunitajiet ta' esperjenza ta' xogħol immirati biex l-istudenti jiżviluppaw mentalità li tippromwovi komunitajiet inklużivi li jiċċelebraw id-diversità u biex jissodisfaw il-ħtiġijiet diversi ta' gruppi differenti ta' studenti. Il-kors jinkludi suġġetti dwar l-iżvilupp tat-tfal u teoriji dwar is-snin bikrin, kif ukoll aspetti biex l-istudenti jintegraw l-aspetti tat-tagħlim fil-pedagoġija kurrikulari.

## Entry Requirements

MCAST Advanced Diploma in Children's Care, Learning and Development  
or  
MCAST Advanced Diploma in Social Care  
or  
MCAST Advanced Diploma in Health and Social Care  
or  
2 A-Level passes and 2 I-Level passes  
Compulsory: One A-Level and one I-Level from Mathematics, English, Maltese, Philosophy, Sociology, Psychology

## Course Duration

3 Years Full-time

## Mode

Includes Work Placement

## MQF Level

6

## ECTS

180 ECTS

## Career Opportunities

Learning support educator (LSE)

## ACCA Qualification

The ACCA Qualification is a world leading accountancy qualification which prepares students to become internationally recognised Chartered Certified Accountants. It is a rewarding and intense course with 13 examinations, three years professional experience and an ethics module. The ACCA Qualification encompasses valuable skills and knowledge which are highly sought after by employers in industry and in the financial sector. The ACCA Qualification is equivalent to degree standard (MQF Level 6) after completing the first nine papers (the Fundamentals level). After passing from the remaining 4 papers (the Professionals level), it is equivalent to a masters degree (MQF Level 7). Learners incur fees payable to ACCA, for any membership and examinations, and MIA (Malta Institute of Accountants) membership

**NOTE:**

Learners taking this qualification at the Gozo Campus will be able to cover all the Foundation Papers (F1 to F9 as may be applicable), which constitute the Level 6 qualification (the first two years), at the Għajnsielem Campus. Preparation and assessment for the Professional Papers leading to the Level 7 qualification (i.e. the last two years of the programme of studies) will be delivered at the MCAST Main Campus in Paola, Malta.

L-ACCA hija kwalifika fl-accountancy li hija meqjusa bħala kwalifika ewlenija mad-dinja kollha, u li tipprepara lill-istudenti biex isiru Chartered Certified Accountants rikonoxxuti internazzjonalment. Dan huwa kors intens imma li jagħti ħafna sodisfazzjon, u li jikkonsisti fi 13-il eżami, tliet snin esperjenza professjonali u modulu dedikat għall-etika. Il-kwalifika tal-ACCA tiġbor fiha ħiliet ta' siwi kbir u għarfien li huma mfittxija ferm minn min iħaddem fl-industrija u fis-settur finanzjarju. Kandidat li jgħaddi mill-ewwel disa' eżamijiet (il-livell Fundamental) ikun kiseb kwalifika li hija ekwivalenti għal baċcellerat (Livell 6 tal-QMK). Meta jgħaddi mill-erba' eżamijiet li jifdal (il-Livell Professionali), huwa jittqies li jkollu kwalifika ekwivalenti għal master (Livell 7 tal-QMK). L-istudenti jkunu meħtieġa jħallsu l-miżati għas-sħubija u l-eżamijiet lill-ACCA, u l-miżata tas-sħubija lill-MIA (l-Istitut Malti tal-Accountants).

**NOTA:**

L-istudenti li jiehdu l-kors li jwassal għal din il-kwalifika fil-Kampus tal-MCAST f'Għawdex ikollhom il-possibiltà li jkopru l-Foundation Papers (minn F1 sa F9, skont ma jkun applikabbli), li jikkostitwixxu l-kwalifika tal-Livell 6 (l-ewwel sentejn tal-kors), fil-Kampus ta' Għajnsielem. Il-preparazzjoni u l-assessjar relatati mal-Professional Papers, li jwasslu għal kwalifika tal-Livell 7 (jigjifieri l-aħħar sentejn tal-programm ta' studju), jinżammu fil-Kampus Ewlieni tal-MCAST f'Raħal Ġdid, Malta.

## Entry Requirements

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MCAST Advanced Diploma in Accounting  
or  
MCAST Advanced Diploma in Administrative  
and Secretarial Studies  
or  
MCAST Advanced Diploma in Business  
Administration  
or  
MCAST Advanced Diploma in Finance and  
Insurance  
or  
MCAST Advanced Diploma in Financial Services  
or  
2 A-Level passes and 2 I-Level passes

Compulsory A-Levels or I-Level or O-Level:  
Mathematics and English Language

Preferred A-Level or SEC/o-Level: Economics,  
Accounts

## Course Duration

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4 Years Full-time

## Mode

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May include the  
possibility of work-  
based

## MQF Level

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6/7

## Credits

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202 ECTS

## Career Opportunities

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Accountant · Financial controller · Financial  
analyst · Business analyst · Corporate finance  
specialist · Project finance accountant

## Other Entry Requirements

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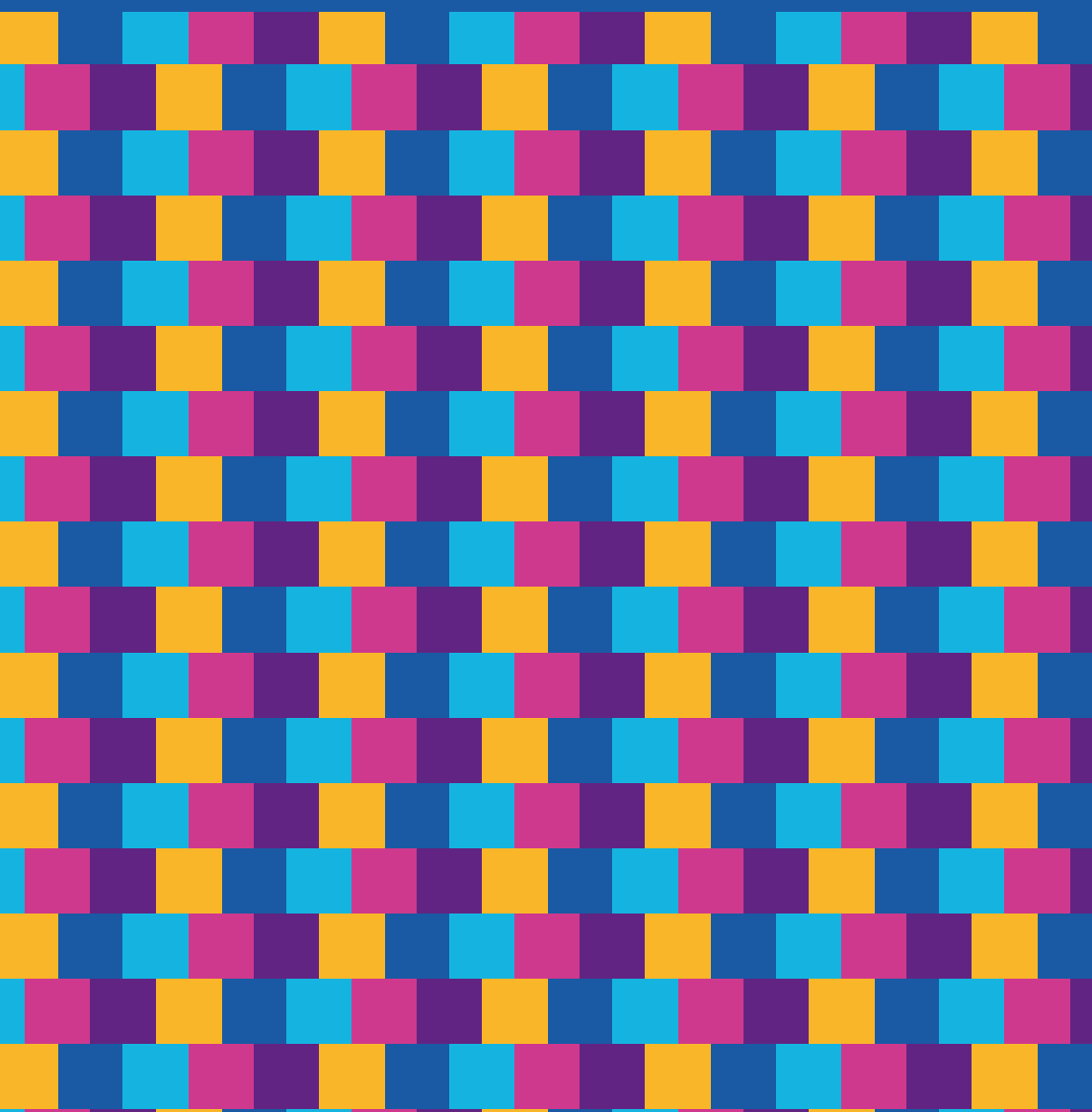
Admission to the course is conditional to  
the student being formally accepted by the  
Association of Chartered Certified Accountants  
(ACCA) as an ACCA student.

The ACCA qualification is run as a joint scheme between ACCA and the Malta Institute of Accountants. More information on the ACCA qualification and relevant topics such as examination progression rules, study materials, PER, minimum entry, exemptions, study guides, past examination papers and the ethics module can be obtained from:

ACCA Connect  
110 Queen Street  
Glasgow G1 3BX  
United Kingdom  
T: +44 (0)141 582 2000  
E: [info@accaglobal.com](mailto:info@accaglobal.com)  
ACCA website: [www.accaglobal.com/gb/en/student.html](http://www.accaglobal.com/gb/en/student.html)

Malta Institute of Accountants  
Suite 4, Level 1, Tower Business Centre,  
Tower Street, Swatar, BKR 4013, Malta.  
T: +356 2258 1900  
E: [info@miamalta.org](mailto:info@miamalta.org)  
MIA website: [www.miamalta.org](http://www.miamalta.org)

# GENERAL DEGREES





# Courses

305 Bachelor of Applied Science

305 Bachelor of Applied Business Studies

305 Bachelor of Creative Arts

305 Bachelor of Community-Based Service Provision

305 Bachelor of Applied Technology

# General Degrees

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These five degrees each have the following exit points, with the final full 180 ECTS degree exit point leading to a formal graduation:

- Stage 1: Undergraduate Diploma at 60 ECTS (transcript upon completion for students terminating here);
- Stage 2: Higher Diploma at 120 ECTS (transcript upon completion for students terminating here);
- Stage 3: Bachelor Degree at 180 ECTS (eligible for formal graduation).

These programmes shall commence in semester 2 of each academic year, that is towards the second full week of February. The generic nature of these degrees is not industry specific, providing a wide skill set that is strong in its transversal nature, whilst also providing significant expertise in the area of studies. Each degree programme requires the following combination of ECTS:

- A minimum of 48 area specific ECTS in vocational units from an existing honours degree programme;
- A maximum of 48 ECTS from existing degree programmes within the same Institute (time-tables permitting);
- A maximum of 60 ECTS in key skills and transversal subjects from any Institute (time-tables permitting);
- 12 ECTS in work-based learning, and
- 12 ECTS in an applied research project or dissertation.

Due to the inter-Institute nature of these qualifications, students following these programmes shall be assisted through individualized Academic Learner Agreements.

Dawn il-ħames baċcellerati kollha joffru stadji meta parteċipant ikun jista' jħalli l-kors, bl-aħħar stadju jkun meta jintlaħqu 180 ECTS li jikkwalifikaw lill-istudent biex jiggradwa formalment:

- L-ewwel stadju: Undergraduate Diploma ta' 60 ECTS (l-istudenti li jtilqu mill-kors fi tmiem dan l-istadju jkunu eliġibbli għal transcript);
- It-tieni stadju: Higher Diploma b'120 ECTS (l-istudenti li jtilqu mill-kors fi tmiem dan l-istadju jkunu eliġibbli għal transcript);
- It-tielet stadju: Baċcellerat b'180 ECTS (fi tmiem dan l-istadju l-istudenti jkunu eliġibbli li jiggradwaw formalment).

Dawn il-programmi jibdwew fit-tieni simestru ta' kull sena akkademika, jiġifieri għall-ħabta tat-tieni ġimgħa sħiħa ta' Frar. Dawn il-baċcellerati huma ta' natura ġenerika u għalhekk ma huma speċifiċi għall-ebda industrija. Hekk l-istudenti jiksbu sett ta' ħiliet applikabbli f'ħafna sitwazzjonijiet differenti, flimkien ma' kompetenzi tajbin ħafna fil-qasam ta' studju ewlieni tal-kors. Kull programm ta' studju jirrikjedi taħlita ta' krediti kif jidher hawn taħt:

- Mhux anqas minn 48 ECTS fil-qasam ta' studju speċifiku li jinkisbu minn unitajiet vokazzjonali ta' programm eżistenti ta' baċcellerat bl-unuri;
- Mhux aktar minn 48 ECTS li jinkisbu minn programmi eżistenti ta' baċcellerat offruti mill-istess Istitut (jekk it-time-tables ikunu jippermettu);
- Sa massimu ta' 60 ECTS f'ħiliet bażiċi u suġġetti trasversali li jinkisbu minn kwalunkwe Istitut (jekk it-time-tables ikunu jippermettu);
- 12-il ECTS miksuba minn esperjenza f'post tax-xogħol, u
- 12-il ECTS miksuba minn proġett ta' riċerka applikata jew dissertation.

Minħabba li dawn il-kwalifiki jinvolvu Istituti differenti, l-istudenti ta' dawn il-programmi jingħataw għajjnuna billi kull wieħed/waħda minnhom jiffirma/tiffirma mal-Kulleġġ Ftehim għal Studenti Akkademici. Dan ikun speċifiku għal kull student/a.

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## Bachelor of Applied Science \*

### Entry Requirement

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

### Course Duration

3 Years Full-time

### MQF Level

6

### Credits

180 ECTS

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## Bachelor of Applied Business Studies \*

### Entry Requirements

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

### Course Duration

3 Years Full-time

### MQF Level

6

### Credits

180 ECTS

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## Bachelor of Creative Arts \*

### Entry Requirements

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

### Course Duration

3 Years Full-time

### MQF Level

6

### Credits

180 ECTS

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## Bachelor of Community-Based Service Provision\*

### Entry Requirements

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

### Course Duration

3 Years Full-time

### MQF Level

6

### Credits

180 ECTS

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## Bachelor of Applied Technology \*

### Entry Requirements

Any MCAST MQF Level 4 Advanced Diploma  
or  
2 A-Level passes and 2 I-Level passes

### Course Duration

3 Years Full-time

### MQF Level

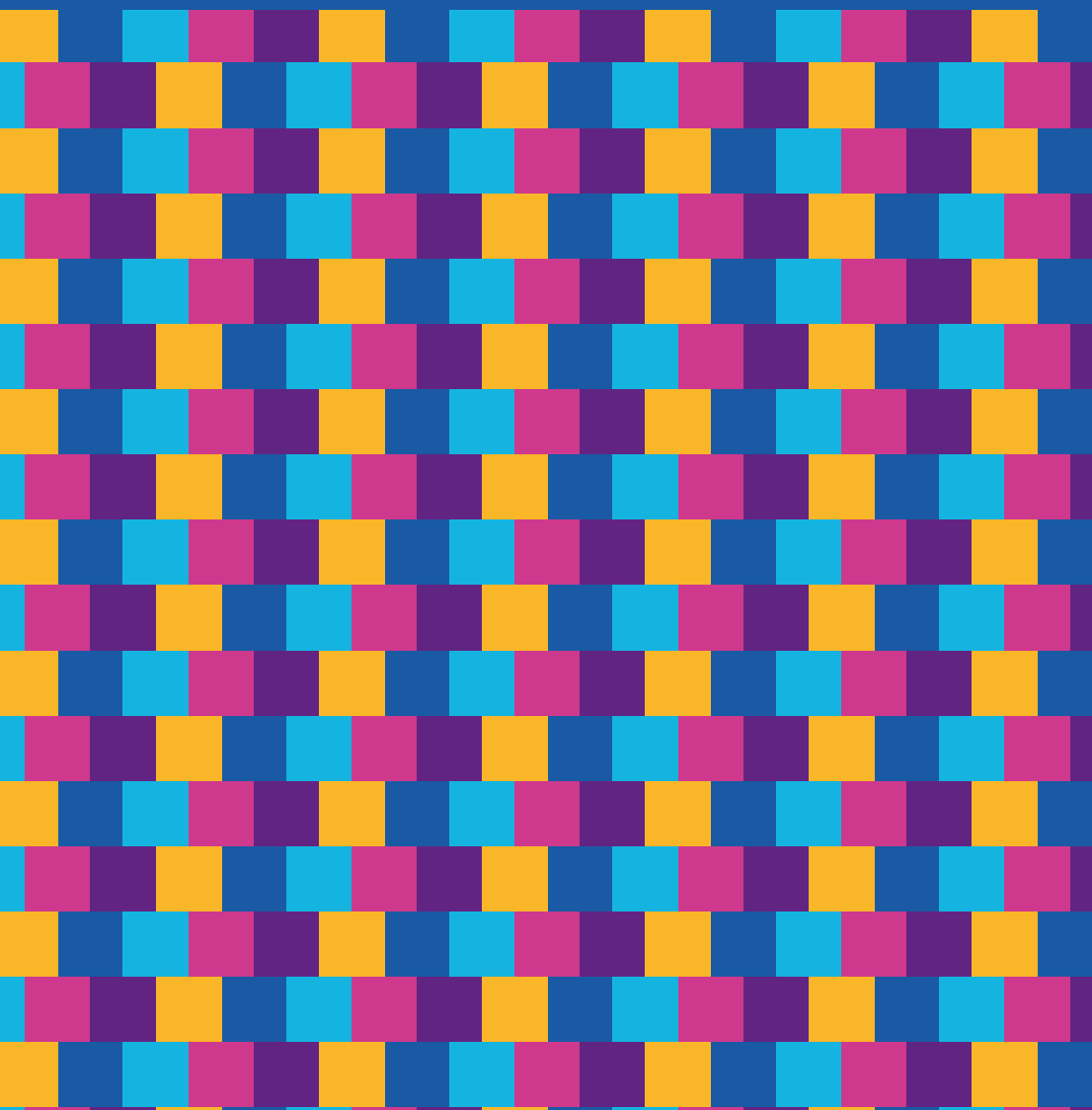
6

### Credits

180 ECTS

**\*Other Entry Requirements:** As from 2024, special entry requirements will be requested as per compulsory requirements for entry into bachelor courses from which chosen units will be selected.

# APPLIED RESEARCH AND INNOVATION CENTRE



# Courses

- 308 Master in Research Methods
- 309 Master by Research
- 310 Master in Artificial Intelligence for Industry 4.0
- 311 Master of Business Administration in Retail
- 313 Professional Research Doctorate (DRes) on the Competitive Behaviour of Small Organisations

Unless otherwise indicated in the respective Programme Specifications or in the MCAST Exit Policy Document,

1. Postgraduate Certificate is achieved with 30ECTSs.

2. Postgraduate Diploma is achieved with 60ECTSs.

This applies to all MCAST Master programmes.

Students are invited to consult the MCAST Exit Policy for the procedure to follow when requesting Exit Point certification.

The commencement of full-time or part-time Master programmes is dependent on the minimum number of eligible applicants.

# Master in Research Methods

The MCAST Master in Research Methods (MResMethods) programme is carried out via a taught methodology component that is then developed into a detailed research endeavour that has to be implemented, presented and defended at Master's level. Students will have demonstrated originality in the application of knowledge by designing and developing advanced research skills using specific tools and a robust methodological approach. The programme guides the student towards compiling peer-reviewed research articles at publishable level. It provides the student with sound practical knowledge and experience in preparation for a career that includes a significant research element, as well as in preparation and training for a research endeavour at doctoral level.

**FEES:** Fees apply – Further information through MG2i (MCAST Gateway to Industry)

**NOTE:** MCAST provides sponsorships for the 'Postgraduate Certificate in Research Methods' component to full-time MCAST staff.

Il-programm tal-MCAST li jwassal għal Master in Research Methods (MResMethods) jikkonsisti f'komponent ta' metodoloġija mgħallma fil-klassi, li mbagħad tiġi żviluppata f'biċċa xogħol ta' riċerka li trid tiġi implimentata, ippreżentata u difiża f'livell ta' Master. L-istudenti jkunu mistennija juru oriġinalità fl-applikazzjoni ta' dak li jkunu tgħallmu billi jiddisinjaw u jiżviluppaw ħiliet ta' riċerka avanzati bl-użu ta' għodod speċifiċi u metodoloġija b'saħħitha. Il-kors jiggwida lill-istudenti biex jiktbu artikli ta' riċerka (li jiġu riveduti mill-kollegi tagħhom stess) li jilħqu l-livell addattat biex ikunu jistgħu jiġu ppubblikati. Il-kors jagħti lill-partecipanti tagħrif prattiku sod u esperjenza bi thejjija għal karriera b'element qawwi ta' riċerka, kif ukoll bi preparazzjoni u taħriġ għal xogħol ta' riċerka f'livell ta' dottorat.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

**NOTA:** L-MCAST jipprovdi sponsorships għall-'Postgraduate Certificate in Research Methods' lill-membri tal-istaff full-time tal-MCAST.

## Entry Requirements

A relevant first degree at 180 ECTS or more.  
A MQF Level 5 qualification and adequate professional experience may also be considered for mature students.

## Course Duration

5 Semesters

## MQF Level

7

## Mode

Blended

## Credits

90 ECTS

# Master by Research

The Master by Research (MRes) programme provides the student with sound practical knowledge and experience in preparation for a research career, as well as with preparation and training for doctoral research. Students will have demonstrated originality in the application of knowledge, and they will understand how the boundaries of knowledge are advanced through research. They will be able to deal with complex issues both systematically and creatively, and they will show originality in tackling and solving applied research related challenges.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Il-programm Master by Research (MRes) jiprovdi lill-istudenti għarfien prattiku sod u esperjenza bi tnejnija għal karrera fir-riċerka, kif ukoll tnejnija u taħriġ għal riċerka fil-livell ta' dottorat. L-istudenti jkunu wrew originalità fl-applikazzjoni tal-għarfien, u jifhmu kif il-fruntieri tal-għarfien jitwessgħu permezz tar-riċerka. Huma jkunu jistgħu jitrattaw kwistjonijiet kumplessi b'mod sistematiku u kreattiv, u juru originalità fil-mod li jindirizzaw u jsolvu sfidi relatati mar-riċerka applikata.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A relevant MQF/EQF Level 6 degree at second class or higher.

## Other Entry Requirements

A MQF/EQF Level 6 degree which is regarded by MDC as equivalent to an Honours degree, such as professional qualifications subjects, plus a portfolio evidencing relevant work experience for at least 3 years.

## Course Duration

Studies for the M.Res. degree shall extend over the following periods:

- (a) 18 months in the case of full-time studies;
- (b) 36 months in the case of part-time studies.

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS

# Master in Artificial Intelligence for Industry 4.0

The implementation of Artificial Intelligence (AI) within industry 4.0 influences all industries including manufacturing, public sector, education and many more, particularly since industry 4.0 focuses heavily on interconnectivity, automation, machine learning and real time data. The MCAST Master in AI for Industry 4.0 programme focuses on the key knowledge required for solving business challenges and yielding competitive advantage through the application of Artificial Intelligence technologies. It provides the theoretical and practical knowledge to work across industries and implement AI where needed. Graduates will be well versed in the Fundamentals of AI, Machine Learning, Neural Networks, Social Implications, Ethics, Regulation and Business Analysis proficiencies. The MCAST Master in AI for Industry 4.0 is taught by industry experts and leading academics who are actively engaged in successful careers in their respective fields.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

L-implimentazzjoni tal-Intelliġenza Artificjali fi hdan l-industrija 4.0 taffettwa l-industriji kollha inklużi l-manifattura, is-settur pubbliku, l-edukazzjoni u ħafna aktar, partikolarment billi l-industrija 4.0 tiffoka ħafna fuq l-interkonnnettività, l-awtomazzjoni, it-tagħlim tal-magni u d-dejta f'ħin reali. Il-Master fl-AI għall-Industrija 4.0 tal-MCAST jiffoka fuq l-għarfien ewlieni meħtieġ biex jissolvew l-isfidi tan-negozji, liema għarfien jagħti vantaġġ kompetittiv permezz tal-applikazzjoni ta' teknoloġiji ta' Intelliġenza Artificjali. Il-kors jipprova l-għarfien teoretiku u prattiku biex persuna taħdem fl-industrija u timplimenta l-AI fejn meħtieġ. Il-gradwati jsiru familjari sew mal-Kunċetti Bażiċi tal-AI, il-Machine Learning, in-Netwerks Newronali, l-Implikazzjonijiet Soċjali, l-Etika, ir-Regolamentazzjoni u l-proficjenzi meħtieġa fl-Analiżi tan-Negozju. Il-Master fl-AI għall-Industrija 4.0 huwa mgħallem minn esperti fl-industrija u akkademici ewlenin li huma involuti b'mod attiv f'karrieri ta' suċċess fl-oqsma rispettivi tagħhom.

**MIZATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A first degree (MQF Level 6) in the sciences or in the technological or social sciences domains.

### Other Entry Requirements

A Level 5 qualification with at least three years' work experience (evidenced) in a relevant area.

## Career Opportunities

This is conducive to more senior business management technologist and other senior personnel who will act as change agents in their organisations through the application of AI.

## Course Duration

FT 3 Semesters/18 months

PT 5 semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS



# Master of Business Administration in Retail

The Master of Business Administration in Retail focuses on the learning and practical application of concepts essential for operating and marketing a retail business. This programme develops an understanding of the contemporary retail environment and examines topical issues relating to retail management and marketing. The programme assesses analytical skills essential for operating and marketing in an international retail environment with a view to putting this knowledge into practice. Master of Business Administration in Retail is structured to reflect the needs of modern business retail dynamics. The Master of Business Administration in Retail is taught by industry experts and leading academics who have had successful careers in their respective business settings.

**FEES:** Fees apply to external candidates – Further information through MG2i (MCAST Gateway to Industry).

Dan il-kors ta' Master of Business Administration in Retail jiffoka fuq it-tagħlim u l-applikazzjoni prattika ta' kuncetti essenzjali fl-operat u r-reklamar tan-negozju bl-imnut. Il-programm iwassal lill-istudenti biex jifhmu l-ambjent kontemporanju tan-negozju bl-imnut, filwaqt li jiġu eżaminati problemi tipiċi relatati mat-tmexxija u r-reklamar f'negozju ta' din ix-xorta. Jiġu kkunsidrati ħiliet analitiċi li huma essenzjali għall-operat u r-reklamar ta' bejgħ bl-imnut f'ambjent internazzjonali bl-iskop li dan l-għarfien jitpoġġa fil-prattika. Il-kors huwa strutturat biex jirrifletti l-htigijiet tad-dinamika moderna tas-settur tal-bejgħ bl-imnut. Il-Master of Business Administration in Retail huwa mgħallem minn esperti fl-industrija u akkademiċi ewlenin li kellhom karriera ta' suċċess fil-qasam rispettiv tagħhom.

**MIŻATI:** Japplikaw ħlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A First Degree in any area of study

## Other Entry Requirements

A Level 5 qualification with at least three years' work experience (evidenced) in the area of Retail

## Course Duration

FT 3 Semesters/18 months

PT 5 semesters

## Mode

Blended

## MQF Level

7

## Credits

90 ECTS



# Professional Research Doctorate (DRes) on the Competitive Behaviour of Small Organisations

The MCAST Professional Research Doctorate (DRes) on the Competitive Behaviour of Small Organisations is a research based EQF/MQF Level 8 qualification that takes on a specific remit to understand and build applied theories of small organisation competitive behaviour within small island states, using the grounded theory method of enquiry and adopting qualitative and mixed methods techniques.

**FEES:** Fees apply - Further information through MG2i (MCAST Gateway to Industry)

Id-Dottorat ta' Riċerka Professjonali (DRes) tal-MCAST dwar l-Imġiba Kompetittiva ta' Organizzazzjonijiet Żgħira hija kwalifika tal-Livell 8 tal-EQF/MQF, ibbażata fuq riċerka li għandha l-għan speċifiku li tifhem u tibni teoriji applikati dwar l-imġiba kompetittiva ta' organizzazzjonijiet żgħira fi stati gżejjer żgħira. Il-metodu li se jintuża għal din ir-riċerka se jkun dak magħruf bħala grounded theory fejn jiġu applikati tekniki kwalitattivi u oħrajn imħallta.

**MĪŻATI:** Japplikaw hlasijiet - Aktar informazzjoni permezz ta' MG2i (MCAST Gateway to Industry)

## Entry Requirements

A relevant first degree and a relevant master qualification at 60 ECTS, with at least 5 years relevant industry or research experience.

## Other Entry Requirements

A relevant first degree and a relevant master qualification at 90 ECTS, with at least 2 years relevant industry or research experience or  
A master qualification in the MCAST MVEAR at 120 ECTS, with at least 2 years' relevant industry or research experience  
or  
A relevant master qualification at 90 ECTS, and at least 10 years' relevant industry or academic experience

## Course Duration

Minimum 5 Years  
Part-Time

## Mode

Taught, research based

## Licence Number

2021-007

## MQF Level

8

## Career Opportunities

The D.Res is aimed at senior management, business leaders, NGO leaders, policy makers and senior technologists that need to understand the behavioural and competitive patterns of small organisations with the aim of enhancing the efficiencies and the performance of these small organisations.

# Course index by sector

## Animal Management, Fisheries and Horticulture

Page	Level	Courses
63	3	Diploma in Animal Care
65	3	Diploma in Fish Husbandry
64	3	Diploma in Horticulture
66	4	Advanced Diploma in Animal Management and Veterinary Nursing
68	4	Advanced Diploma in Fish Management
67	4	Advanced Diploma in Horticulture
69	6	Bachelor of Science (Honours) in Animal Management and Veterinary Nursing
70	6	Bachelor of Science (Honours) in Horticulture
71	6	Bachelor of Science (Honours) in Fisheries and Aquaculture

## Aviation

Page	Level	Courses
191	3	Diploma in Aircraft Maintenance (Incorporating EASA Part-66 Category A Basic Course)
192	3	Diploma in Aircraft Structures and Repairs
193	3	Diploma in Aviation, Flight and Cabin Operation
194	4	Advanced Diploma in Aircraft Maintenance (Aeroplanes - Turbine Engines)
195	4	Advanced Diploma in Aircraft Maintenance (Avionics)
196	4	Advanced Diploma in Aviation Operations, Flight and Cabin Operations
199	5	Higher Diploma in Transport, Logistics and Supply Chain Management
233	6	Bachelor of Engineering (Honours) in Electronics and Control Engineering
234	6	Bachelor of Engineering (Honours) in Electronics Engineering
223	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Manufacturing)
224	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Plant)
243	7	Master of Science in Aerospace Engineering

## Beauty

Page	Level	Courses
107	3	Diploma for Beauty Specialists
109	3	Diploma in Hairdressing - Women
115	4	Advanced Diploma in Beauty and Complementary Therapies
116	4	Advanced Diploma in Hairdressing
123	6	Bachelor of Vocational Education and Training 4.0 (Honours)

## Building and Construction

Page	Level	Courses
201	3	Diploma in Heating, Ventilation and Air-Conditioning
202	3	Diploma in Joinery and Furniture Making
203	3	Diploma in Welding and Fabrication
210	3	Diploma in Construction Engineering
211	3	Diploma in Masonry Heritage Skills (Sewwej)
227	3	Diploma in Electrical Installations
228	3	Diploma in Engineering (Electronics)
220	3	Diploma in Mechanical Engineering
198	4	Advanced Diploma in Transportation and Logistics Management
206	4	Advanced Diploma in Heating, Ventilation and Air Conditioning
204	4	Advanced Diploma in Joinery, Furniture Design and Manufacturing
205	4	Advanced Diploma in Welding and Fabrication
212	4	Advanced Diploma in Masonry Heritage Skills (Mastru)
213	4	Advanced Diploma in Construction Engineering
230	4	Advanced Diploma in Industrial Electronics
231	4	Advanced Diploma in Electrical Systems
221	4	Advanced Diploma in Operations and Maintenance
199	5	Higher Diploma in Transport, Logistics and Supply Chain
214	5	Higher Diploma in Masonry Heritage Skills (Kapumastru)
232	5	Undergraduate Diploma in Foundations of Engineering
216	6	Bachelor of Science (Honours) in Quantity Surveying
218	6	Bachelor of Science (Honours) in Civil and Structural Engineering
224	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Plant)
242	7	Master of Science in Mechanical Engineering and Sustainable Technology
245	7	Master of Science in High Performance Buildings

## Business and Finance

Page	Level	Courses
80	3	Diploma in Business
81	4	Advanced Diploma in Business and Administration
82	4	Advanced Diploma in Finance and Insurance
83	4	Advanced Diploma in Accounting
84	4	Advanced Diploma in Marketing
85	6	Bachelor of Arts (Honours) in Business Enterprise
87	6	Bachelor of Science (Honours) in Financial Services Management
86	6	Bachelor of Arts (Honours) in Procurement and Finance
305	6	Bachelor of Applied Business Studies
88	7	ACCA Qualification
91	7	MBA
311	7	Master of Business Administration in Retail
313	8	Professional Doctorate (DRes) on the Competitive Behaviour of Small Organisations

## Care

Page	Level	Courses
106	3	Diploma in Social Care
113	4	Advanced Diploma in Social Care
120	6	Bachelor of Arts (Honours) in Health and Social Care Management
305	6	Bachelor of Community-Based Service Provision
119	6	Bachelor of Arts (Honours) in Earlyyears
123	6	Bachelor of Vocational Education and Training 4.0 (Honours)
124	7	Master in Social Care Practice

## Creative Arts

Page	Level	Courses
140	3	Diploma in Art and Design
139	3	Diploma in Media
138	3	Diploma in Performing Arts
145	4	Advanced Diploma in Art and Design
150	4	Advanced Diploma in Cultural Heritage Skills
141	4	Advanced Diploma in Digital Design
147	4	Advanced Diploma in Fashion and Retail
151	4	Advanced Diploma in Graphic Printing
142	4	Advanced Diploma in Performing Arts
143	4	Advanced Diploma in Photography
146	4	Advanced Diploma in Video Production
167	6	Bachelor in Conservation (Honours)
157	6	Bachelor of Arts (Honours) in Animation
162	6	Bachelor of Arts (Honours) in Creative Media Production
166	6	Bachelor of Arts (Honours) in Fashion
153	6	Bachelor of Arts (Honours) in Fine Art
155	6	Bachelor of Arts (Honours) in Game Art
158	6	Bachelor of Arts (Honours) in Graphic Design
156	6	Bachelor of Arts (Honours) in Interactive Digital Media
164	6	Bachelor of Arts (Honours) in Journalism
165	6	Bachelor of Arts (Honours) in Performing Arts
163	6	Bachelor of Arts (Honours) in Photography
160	6	Bachelor of Arts (Honours) in Product Design
161	6	Bachelor of Arts (Honours) in Spatial Design
267	6	Bachelor of Science (Honours) in Creative Computing
268	6	Bachelor of Science (Honours) in Digital Games Development
169	7	Master in Conservation
170	7	Master in Creative Media and Enterprise
168	7	Master of Arts in Product Design

## Education

Page	Level	Courses
110	3	Diploma in Earlyyears
117	4	Advanced Diploma in Children's Care, Learning and Development
121	6	Bachelor of Arts (Honours) in Inclusive Education
119	6	Bachelor of Arts (Honours) in Earlyyears
123	6	Bachelor of Vocational Education and Training 4.0 (Honours)
126	7	Master in Vocational Education Applied Research 4.0

## Environment

Page	Level	Courses
38	3	Diploma in Applied Science
41	4	Advanced Diploma in Environmental Sustainability
42	4	Advanced Diploma in Health Sciences
43	4	Advanced Diploma in Food Technology
40	4	Advanced Diploma in Applied Science
45	6	Bachelor of Science (Honours) in Chemical Technology
46	6	Bachelor of Science (Honours) in Environmental Science and Sustainable Technologies
49	6	Bachelor of Science (Honours) in Environmental Health
305	6	Bachelor in Applied Science
53	7	Master of Science in Applied Environmental Science (General)
54	7	Master of Science in Environmental and Water Resource Management
55	7	Master of Science in Environmental Resource Management
56	7	Master of Science in Urban Environmental Science Management

## Engineering

Page	Level	Courses
226	3	Diploma in Electrical Installations
228	3	Diploma in Engineering (Electronics)
220	3	Diploma in Mechanical Engineering
193	3	Diploma in Aviation, Flight and Cabin Operations
205	4	Advanced Diploma in Welding and Fabrication
196	4	Advanced Diploma in Aviation Operations, Flight and Cabin Operations
229	4	Advanced Diploma in Robotics, Drone Technology, Automation and Artificial Intelligence
230	4	Advanced Diploma in Industrial Electronics
231	4	Advanced Diploma in Electrical Systems
221	4	Advanced Diploma in Operations and Maintenance
222	4	Advanced Diploma in Manufacturing
239	4	Advanced Diploma in Marine Engineering
199	5	Higher Diploma in Transport, Logistics and Supply Chain
232	5	Undergraduate Diploma in Foundations of Engineering
186	5	Undergraduate Diploma in Auto Electronic and Electrical Technology
233	6	Bachelor of Engineering (Honours) in Electronics and Control Engineering
234	6	Bachelor of Engineering (Honours) in Electronics Engineering
305	6	Bachelor of Applied Technology
223	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Manufacturing)
224	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Plant)
240	6	Bachelor of Science (Honours) in Marine Engineering
242	7	Master of Science in Mechanical Engineering and Sustainable Technology
243	7	Master of Science in Aerospace Engineering
244	7	Master of Science in Mechatronics
245	7	Master of Science in High Performance Buildings

## Fabrication

Page	Level	Courses
202	3	Diploma in Joinery and Furniture Making
203	3	Diploma in Welding and Fabrication
204	4	Advanced Diploma in Joinery, Furniture Design and Manufacturing
205	4	Advanced Diploma in Welding and Fabrication

## Health

Page	Level	Courses
39	4	Advanced Diploma for Pharmacy Technician
42	4	Advanced Diploma in Health Sciences
44	4	Advanced Diploma for Dental Surgery Assistants
47	6	Bachelor of Science (Honours) in Health Sciences (Physiological Measurements)
48	6	Bachelor of Science (Honours) in Nursing
49	6	Bachelor of Science (Honours) in Environmental Health
51	7	Master of Science in Advanced Clinical Practice
52	7	Master of Science in Professional Health Practice

## Information Technology

Page	Level	Courses
228	3	Diploma in Engineering (Electronics)
254	3	Diploma in ICT
256	3	Diploma in iGaming
230	4	Advanced Diploma in Industrial Electronics
258	4	Advanced Diploma in IT (Computer Systems and Networks)
261	4	Advanced Diploma in IT (iGaming)
260	4	Advanced Diploma in IT (Multimedia Software Development)
259	4	Advanced Diploma in IT (Software Development)
229	4	Advanced Diploma in Robotics, Drone Technology, Automation and Artificial Intelligence
232	5	Undergraduate Diploma in Foundations of Engineering
305	6	Bachelor of Applied Technology
233	6	Bachelor of Engineering (Honours) in Electronics and Control Engineering
234	6	Bachelor of Engineering (Honours) in Electronics Engineering
262	6	Bachelor of Science (Honours) in Applied Data Science
263	6	Bachelor of Science (Honours) in Computer Systems and Networks
267	6	Bachelor of Science (Honours) in Creative Computing
264	6	Bachelor of Science (Honours) in Cybersecurity
268	6	Bachelor of Science (Honours) in Digital Games Development
266	6	Bachelor of Science (Honours) in Software Development
269	7	Master of Science in Information Technology and Systems
244	7	Master of Science in Mechatronics
310	7	Master in Artificial Intelligence for Industry 4.0

## Manufacturing

Page	Level	Courses
201	3	Diploma in Heating, Ventilation and Air-Conditioning
202	3	Diploma in Joinery and Furniture Making
203	3	Diploma in Welding and Fabrication
227	3	Diploma in Electrical Installations
228	3	Diploma in Engineering (Electronics)
220	3	Diploma in Mechanical Engineering
198	4	Advanced Diploma in Transportation and Logistics Management
206	4	Advanced Diploma in Heating, Ventilation and Air Conditioning
204	4	Advanced Diploma in Joinery, Furniture Design and Manufacturing
205	4	Advanced Diploma in Welding and Fabrication
230	4	Advanced Diploma in Industrial Electronics
231	4	Advanced Diploma in Electrical Systems
221	4	Advanced Diploma in Operations and Maintenance
222	4	Advanced Diploma in Manufacturing
199	5	Higher Diploma in Transport, Logistics and Supply Chain
232	5	Undergraduate Diploma in Foundations of Engineering
233	6	Bachelor of Engineering (Honours) in Electronics and Control Engineering
234	6	Bachelor of Engineering (Honours) in Electronics Engineering
305	6	Bachelor of Applied Technology
223	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Manufacturing)
224	6	Bachelor of Engineering (Honours) in Mechanical Engineering (Plant)
242	7	Master of Science in Mechanical Engineering and Sustainable Technology
245	7	Master of Science in High Performance Buildings
244	7	Master of Science in Mechatronics

## Maritime

Page	Level	Courses
235	3	Diploma in Deck Operations
236	4	Advanced Diploma in Deck Operations (also leading to OIC Navigational Watch)
239	4	Advanced Diploma in Marine Engineering
240	6	Bachelor of Science (Honours) in Marine Engineering
238		Chief Mate

## Research

Page	Level	Courses
308	7	Postgraduate Certificate in Research Methods
308	7	Postgraduate Diploma in Research Methods
308	7	Master in Research Methods
309	7	Master by Research
313	8	Professional Doctorate (DRes) on the Competitive Behaviour of Small Organisations

## Safety, Security and Enforcement

Page	Level	Courses
112	3	Diploma in Foundation Studies for Security, Enforcement and Protection
215	5	Undergraduate Diploma in Occupational Health and Safety

## Sports

Page	Level	Courses
111	3	Diploma in Sport
118	4	Advanced Diploma in Sport (Development, Coaching and Fitness)
122	6	Bachelor of Science (Honours) in Sport, Exercise and Health
123	6	Bachelor of Vocational Education and Training 4.0 (Honours)
125	7	Master of Science in Exercise and Sports Science

## Transport and Logistics

Page	Level	Courses
193	3	Diploma in Aviation, Flight and Cabin Operations
198	4	Advanced Diploma in Transportation and Logistics Management
196	4	Advanced Diploma in Aviation Operations, Flight and Cabin Operations
199	5	Higher Diploma in Transport, Logistics and Supply Chain



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