



MCAST



PROSPECTUS

2021-2022



In October 2021, MCAST will celebrate its 20th anniversary since opening its doors to the first cohort of students. This milestone is an opportunity for our community to explore our past, celebrate our present achievements while aspiring towards future success. It is a time to show gratitude to all those who contributed towards strengthening the College.

Join us in celebrating 20 years of MCAST at a time when reaching out to others matters.

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

**WELCOME
MERHBA**

Established in 2001, the Malta College of Arts, Science and Technology (MCAST) is the country's leading Vocational and Professional Education and Training institution. The College, through its Institutes, is driving forward the development of courses and more focused methodologies and pedagogies for the respective levels falling under their remit. Recent developments include the Skills Kits programme, more new courses on Apprenticeship mode, Apprenticeship Degrees and Master Degrees amongst others. Our students are prepared for careers in different sectors as we collaborate closely with local industry to ensure that the knowledge, skills and competences within our programmes are appropriate and relevant to a dynamic economy. This relationship enhances the College's programmes that are flexible, relevant and responsive to the aspirations of our students and the needs of industry, which are constantly evolving.

Il-Kulleġġ Malti tal-Arti, ix-Xjenza u t-Teknoloġija (MCAST), li ġie mwaqqaf fl-2001, huwa l-istituzzjoni ewlenija tal-pajjiż għall-Edukazzjoni u t-Taħriġ Vokazzjonali u Professjonali. Il-Kulleġġ, permezz tal-Istituti tiegħu, qed imexxi 'l quddiem l-iżvilupp ta' korsijiet u metodoloġiji u pedagogiji aktar iffokati fuq il-livelli rispettivi li jaqgħu taħt il-mandat tagħhom. Żviluppi riċenti jinkludu l-programm Skills Kits, aktar korsijiet godda bl-Apprendistat, Degrees bl-Apprendistat u d-Degrees li jwasslu għal-livell ta' Masters, fost oħrajn. L-istudenti tagħna jithejjew għal karrieri f'setturi differenti, billi nikkollaboraw mill-qrib mal-industrija lokali biex niżguraw li l-għarfien, il-ħiliet u l-kompetenzi fil-programmi tagħna huma xierqa u rilevanti għal ekonomija dinamika. Din ir-relazzjoni ssahħaħ il-programmi tal-Kulleġġ li huma flessibbli, rilevanti u li jwieġbu għall-aspirazzjonijiet tal-istudenti tagħna u l-ħtiġijiet tal-industrija, li dejjem jevolvu.

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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 that they are regularly updated to reflect the latest best practices and technologies required for students to achieve a more successful employment career. MCAST reserves the right to effect changes to the contents of the programmes according to these changing needs and circumstances. MCAST reserves the right not to offer courses if there are insufficient applications. The programmes that are 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, at the Office of the Registrar, or on the MCAST website www.mcast.edu.mt. This Prospectus has been compiled by MCAST, who is also 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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Message by
**THE PRESIDENT OF THE
 BOARD OF GOVERNORS**



Messaġġ
**MILL-PRESIDENT
 TAL-BORD TAL-GVERNATURI**

Prof Ian Refalo

Traditionally, all vocational and professional Colleges had the responsible task of responding to a country's economic and social challenges in a timely manner.

In my view, MCAST has played this role remarkably well over these last twenty years. In so doing, it has increased its potential to become one of the leading post-secondary and higher education institutions in Malta. The fact that this academic year has seen a considerable increase of almost 20% of applications compared to the previous year is evidence that the College is increasingly becoming an attraction to students for employment in various sectors of our country. This augurs well not only to enable Malta to have a well prepared workforce for the post-COVID era, but also to provide thousands of Maltese and international students with adequate skills and competences for employability and a better quality of life.

MCAST's investments in its infrastructure and programmes has seen a leap of quality in the last few years. With new state-of-the-art buildings and over 180 courses to choose from, the College is a commendable source of learning and employability that satisfies Government's return on investment policies.

I augur every student who wishes to join MCAST an unforgettable learning experience.

Tradizzjonalment, kulleġġi vokazzjonali u professjonali kienu responsabbli biex jirrispondu għall-bżonnijiet tal-ekonomija tal-pajjiż u tas-soċjetà fl-hin opportun.

Fl-opinjoni tiegħi, il-Kulleġġ kellu dan ir-rwol u wettqu b'mod eċċellenti f'dawn l-aħħar għoxrin sena. B'dan il-mod, zied il-potenzjal li jsir wieħed mill-istituzzjonijiet edukattivi post-sekondarja u għal edukazzjoni għolja ewlenin f'pajjiżna. Il-fatt li matul din is-sena l-Kulleġġ zied l-applikazzjonijiet b'20 fl-mija, huwa evidenza li l-Kulleġġ qed isir aktar attraenti għall-istudenti biex isibu impjeg fis-setturi varji f'pajjiżna. Dan jawgura tajjeb kemm biex il-pajjiż ikollu haddiema ppreparati aħjar fl-era post-COVID u anke biex eluf ta' studenti Maltin u barranin jizviluppaw ħiliet u kompetenzi għall-impjegabilità tagħhom u għal kwalità ta' ħajja aħjar.

L-investimenti fl-infrastruttura u fil-programmi raw qabza fl-kwalità f'dawn l-aħħar snin. B'binjiet adegwati u moderni u iktar minn 180 kors, il-Kulleġġ huwa sors ta' taġġim u impjegabilità li huwa ta' min jirakkomandah u li jissodisfa l-politika tal-Gvern fuq ir-rendiment tal-investment.

Nawgura esperjenza indimentikabbli ta' taġġim lil kull student li jixtieq jistudja fl-MCAST.

Message by
**COLLEGE PRINCIPAL
& CEO**



Messaġġ
**MILL-PRINCIPAL
TAL-KULLEĠĠ U S-CEO**

Prof Joachim James Calleja

Every year the prospectus displays MCAST's regular courses to attract more learners to a wide variety of future employment prospects. This year we are adding a feature on our part-time courses, which provide a platform for continuous professional development. Our six Institutes represent a wide range of education and training opportunities that reflect Malta's employment landscape.

As a vocational College, we ensure that all qualifications are relevant to the different skills and competences needed in industry today as well as in other traditional jobs and work places. The cyclical reviews of MCAST qualifications engage key stakeholders from all sectors to challenge content, practice and support learners in engaging with the world of work in a more proactive manner.

We consider work-based learning as the foremost value of all learning experiences at MCAST. Our strong network with private companies and the public sector helps us link learners' talents to the needs of the labour market. We are proud of our relationship with employers. We are equally happy to let industry have a strong say in our course programmes and for lecturers and employees to switch roles and learn from each other.

MCAST is today much more than a learning institution. It is a clearinghouse for learners and workers to understand why lifelong learning is such an important step towards a career and job mobility.

I hope that one of the course programmes in this prospectus meets your career orientation. Our student services are ready to answer your questions and to guide your decision. I look forward to your choice of MCAST as your next learning institution.

Kull sena l-ktejjeb juri l-korsijiet tal-MCAST biex jattira aktar studenti għal varjetà wiesgħa ta' opportunitajiet ta' impjieg. Din is-sena qed inżidu fuq il-korsijiet part-time tagħna, li jipprovdu pjattaforma għal żvilupp professjonali kontinwu. Is-sitt Istituti tagħna jirrapprezentaw firxa wiesgħa ta' opportunitajiet ta' edukazzjoni u taħriġ li jirriflettu d-dinja tax-xogħol f'Malta.

Bħala Kullegġ vokazzjonali, aħna niżguraw li l-kwalifiki kollha huma rilevanti għall-ħiliet u l-kompetenzi differenti meħtieġa fl-industrija llum kif ukoll f'impjegji u postijiet tax-xogħol tradizzjonali oħra. Ir-reviżjonijiet regolari tal-kwalifiki tal-MCAST jinvolvu l-partecipazzjoni ta' nies mis-setturi kollha biex jgħinu fil-kontenut u jappoġġjaw lill-istudenti biex jimpenjaw ruhhom fid-dinja tax-xogħol b'mod aktar proattiv.

Aħna nikkunsidraw it-tagħlim ibbażat fuq ix-xogħol bħala l-valur l-iktar importanti tat-tagħlim fl-MCAST. In-netwerk qawwi tagħna ma' kumpaniji privati u s-settur pubbliku jgħinna nghaqqdu t-talenti tal-istudenti mal-bżonnijiet tas-suq tax-xogħol. Aħna kburin bir-relazzjoni tagħna ma' min iħaddem. Aħna ninsabu kuntenti bl-istess mod li nħallu lill-industrija jkollha vuċi qawwija fil-programmi tagħna u biex il-lezzuri u l-impjegati jtagħallmu minn xulxin.

L-MCAST illum huwa ħafna iktar minn istituzzjoni tat-tagħlim. Huwa post fejn l-istudenti u l-haddiema jifhmu għaliex it-tagħlim tul il-ħajja huwa pass daqshekk importanti lejn karriera u mobbiltà fl-impjegji.

Nispera li wiehe mill-programmi f'dan il-prospett jissodisfa l-orjentazzjoni tal-karriera tiegħek. Is-servizzi tal-istudenti tagħna huma lesti biex iwiegħu l-mistoqsijiet tiegħek u biex jiggwidaw id-deċizzjoni tiegħek. Ninsab herqan li int għazilt l-MCAST bħala l-istituzzjoni għat-tagħlim tiegħek.

Why
**CHOOSE
MALTA?**



Located at the centre of the Mediterranean Sea, Malta is only around 100km away from mainland Europe, to which it is linked via air and sea. The Malta International Airport offers easy access through connections to most major cities across Europe and beyond. Malta is bilingual, which means that practically everyone in Malta speaks both Maltese and English fluently, making communication simple and straightforward as well as friendly.

Our sun-kissed islands are jam-packed with culture and history, as well as entertainment, night-life and beaches.

MCAST has a growing international community from all over the world following a diverse range of study programmes, which are delivered in English. Students may apply at MCAST individually and are guided towards the field of interest that is most appropriate for them. Alternatively, at MCAST we offer custom-made programmes for cohorts of students that are usually brought together by common interests and/or goals. This allows greater flexibility in terms of course delivery and timeframes.

As a further and higher education institution, MCAST gives you access to high quality qualifications and degrees that are recognized on the European Qualifications Framework and are therefore internationally recognized.



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Why MCAST?

The learning opportunities you require

Every year, we provide training opportunities to over 6,500 full-time students. New programmes are constantly added to our list of courses to give you more new training options to choose from. If you are determined to advance in your career, we have the right training programme for you.

A rewarding career

MCAST provides a holistic educational experience by offering you hands-on education in the latest best practices and technologies. Get ready to roll up your sleeves and put what you learn into practice in our workshops, laboratories and in real work settings, through placements and apprenticeships. Our ultimate goal is to provide you with the competences required to help you achieve the career you are aspiring for.

A caring and vibrant campus

We believe that education is not simply a matter of qualifications and technical skills. We are committed to help you develop into responsible, enthusiastic adults with strong social values. Beyond the classroom, at MCAST you will be participating in sport, cultural and other fun activities that help you make new friends, gain confidence and improve your teamwork and communication skills. You will also have opportunities to join national and international competitions and events, as well as to gain invaluable experience through international student exchange programmes.

Improving Your Learning Experience

MCAST always aims at providing the best possible learning experience to its learners. The set-up of the College is aimed at addressing the specific needs of individual learners at the different course levels whilst providing a seamless progression.



Għalfejn L-MCAST?

L-opportunitajiet ta' taġlim li tinhtieg

Kull sena nipprovdu opportunitajiet ta' taħriġ għal 'il fuq minn 6,500 student full-time. Programmi godda ta' studju u taħriġ jiġu kontinwament miżjuda mal-lista ta' korsijiet offruti mill-MCAST biex nagħtuk selezzjoni akbar minn fejn tagħżel. Jekk inti determinat li timxi 'l quddiem fil-karriera tiegħek, għandna l-programm ta' taħriġ tajjeb għalik.

Karriera li taġhtik sodisfazzjon

L-MCAST jipprovdu esperjenza edukattiva sħiħa billi joffrilek taħriġ prattiku fl-aħħar u fl-aħjar prattiċi u teknoloġiji. Lesti ruħek biex taħdem u biex dak li titgħallem fil-klassi tipprattikah fil-workshops tal-Kulleġġ, fil-laboratorji jew f'ambjenti tax-xogħol waqt perjodi ta' taħriġ fuq il-post tax-xogħol jew waqt l-apprendistat. L-għan aħħari tagħna huwa li nagħtuk il-kompetenzi li tinhtieg biex jirnexxilek tikseb il-karriera li qed taspira għaliha.

Kampus mimli ħajja u li jieħu ħsiebek

Aħna nemmnu li l-edukazzjoni ma tfissirx sempliċement kwalifiki u ħiliet tekniċi. Ninsabu impenjati biex ngħinuk issir adult responsabbli u mimli entużjażmu, b'valuri soċjali sodi. Lil hinn mill-klassi, fil-MCAST inti tkun tista' tipparteċipa f'attivitajiet sportivi u kulturali u f'attivitajiet oħrajn ta' divertiment li jgħinuk tagħmel ħbieb godda, trabbi l-kunfidenza u ttejjeb il-ħiliet tiegħek biex taħdem f'tim u tikkomunika. Ikollok ukoll opportunitajiet biex tieħu sehem f'kompetizzjonijiet u avvenimenti nazzjonali u internazzjonali, kif ukoll biex takkwista esperjenza siewja ferm permezz ta' programmi ta' skambji għal studenti internazzjonali.

Esperjenza ta' taġlim aktar tajba

L-MCAST jaħdem bla waqfen biex jilħaq il-mira tiegħu li jipprovdi l-aħjar esperjenza possibbli ta' taġlim lill-istudenti tiegħu. Il-Kulleġġ għandu l-għan li jindirizza l-ħtiġijiet speċifiċi tal-istudenti individwali li jkun qed isegwu korsijiet fil-livelli differenti, waqt li jiġi assigurat li kull student ikollu l-possibilità li jimxi mingħajr diffikultà għal korsijiet ta' livelli oghla.

CONDITIONS

for application

1. A new applicant is:

Either: One who up to June 2021 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 who wishes to re-apply to start the same course from scratch,

Or: A student who up to June 2021 attended a course at MCAST, but now wishes to start a totally different course, not through progression, but in a different area of study.

2. All applicants must fill in the official online Application Form, which throughout the Application time-window, is made available through the MCAST Web Portal. Where applicants possess a local and active EID, applications are submitted using that EID. International Applicants are guided to submit their online application by communicating with internationalappl@mcast.edu.mt

3. Applications submitted without all the necessary documentation, cannot be processed. Only official MATSEC / SEC result documents are uploaded (and not screenshots of SMSs sent by MATSEC). In the case of SSC&P, all four pages of the document are to be uploaded. Any other Certificates / Transcripts or documents showing qualification achievement is uploaded with no parts clipped off. In all such documents, the bearer's full name and surname and - where applicable - ID Number are clearly shown. Uploads which 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 the document in the scan being uploaded.

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 therefore 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 getting in touch with the Inclusive Education Unit on 2398 7127.

SELECTION OF APPLICANTS AND FURTHER INFORMATION

8. Applicants in possession of any other qualification 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.

11a. When the number of places available on a course is limited, and the number of applicants who satisfy the entry requirements and choose the course exceeds the number of available places, an order of merit is drawn up for all applicants choosing the course.

b. Students who in July 2021 successfully completed a course at MCAST and apply to progress 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 on the basis of their qualifications after having passed the test and/or interview.

- d. Initial Assessment Tests - Applicants having an unrated SSC&P (Secondary School Certificate & Profile) 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 SSC&P with an overall rating of Level 1 or 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 on the basis of the results obtained in their SSC&P or, in cases where the SSC&P is not available or unrated, on the results obtained in the Initial Assessment Tests.
12. All grades of SEC/O-Level, Advanced and Intermediate 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 | 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 |

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, 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. Any places remaining after subsequent calls will be offered on a first-come-first-served basis. Information regarding Application Time Windows will be published on www.mcast.edu.mt, as well as promoted through different media and channels.
16. Any application to join a course or any request to change a course application, must go through the Admissions Office, 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.
 - Have, by the end of the same calendar year:
 - attained the age of 27 years for entry to MQF Level 7 programmes
 - 23 years for entry to programmes at MQF Level 5/6
 - attained the age of 21 years for entry to programmes at MQF Level 4
 - attained 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 programme through an interview held for the purpose and any other possible actions that gauge the applicant's standing and sound preparation or the chosen programme of studies. Shortlisted applicants will be called for an interview to assess their suitability for the selected programme. 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 it considers appropriate. The Board reserves the right to evaluate the applicant's competences through an assessment.

20. Vocational programmes for secondary schools (BTEC L2 Extended Certificate) shall enjoy the same parity of esteem as one SEC level at:

Distinction = Grade 1

Merit = Grade 3

Pass = Grade 5

KUNDIZZJONIJIET

għal min japplika

1. Applikant ġdid huwa:

Jew: Xi hadd li sa Ġunju 2021 ma kien jattendi l-ebda kors full-time I-MCAST,

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

Jew: Student li attenda kors I-MCAST sa Ġunju 2021 imma jxtieq li, minflok ikompli bl-istudji tiegħu fl-istess kors, jibda kors f'qasam totalment differenti.

- 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 eID lokali valida għandhom jużaw dik l-eID biex jissottomettu l-applikazzjoni tagħhom. Applikanti barranin jiġu ggwidati biex jissottomettu l-applikazzjoni tagħhom online billi jikkonunikaw ma' internationalappl@mcast.edu.mt
- Applikazzjonijiet li jiġu sottomessi mingħajr id-dokumenti kollha mehtieġa ma jkunux jistgħu jiġu pproċessati. Għandhom jiġu uploaded biss ir-rizultati uffiċjali tal-MATSEC/SEC (u mhux screenshots tal-SMSs mibgħuta mill-MATSEC). Fil-każ tal-SSC&P 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 jniżzlu isimhom sħiħ, kunjomhom u t-tip ta' dokument li jkun qed jiġi applowdjat fl-iscan.
- Il-gradji 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-rizultati tas-SEC.
- Applikanti li jagħmlu eżamijiet ta' Bordijiet ta' Eżamijiet Barranin u li fiż-żmien li jkun qed jintlaqgħu l-applikazzjonijiet ikunu għadhom jistennu ir-rizultati, jistgħu jissottomettu applikazzjoni proviżorja basta r-rizultati jiġu pprezentati sa tmien l-aħħar ġimgħa ta' Awwissu. Il-gradji ta' dawn is-sugġetti għandhom jtniżzlu 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 johorġu r-rizultati tal-Bordijiet tal-Eżamijiet Barranin.

ARRANĠAMENTI SPEĊJALI

- L-MCAST jahdem bis-sħiħ biex ikun Kullegg li joffri opportunitajiet indaqs lil kullhadd u għalhekk jilqa' studenti b'diffikultajiet fit-tagħlim u b'dizabilità. Studenti bi bżonnijiet speċjali huma mehtieġa li:
 - Ikollhom il-kwalifiki tad-dhul neċessarji
 - Jiddiskutu l-htijiet tagħhom ma' membru tal-Inclusive Education Unit (IEU) tal-MCAST
 - Jiproduċu dokumenti riċenti, maħruġa minn professjonisti, dwar il-bżonnijiet speċjali li għandhom biex ikunu jstgħu jsegwu l-kors
 - Jagħmlu appuntamenti biex jiddiskutu bżonnijiet partikolari għat-tagħlim billi jkkuntattjaw lill-Inclusive Education Unit fuq 2398 7127.

L-GHAŻLA TAL-APPLIKANTI U IKTAR INFORMAZZJONI

- L-applikazzjoni ta' applikanti li jkollhom kwalifiki oħra li mhumiex imniżzlin f'dan il-Prospectus bħala kwalifiki għad-dhul, tintlaqa' bħala 'Proviżorja' u tiġi kkunsidrata mill-MCAST Admissions Board.
- L-applikazzjoni ta' dawkl-applikanti li ma jkunux jistgħu jsibu l-progression route mixtieqa, tintlaqa' bħala 'Proviżorja' u tiġi kkunsidrata mill-MCAST Admissions Board.
- Applikazzjonijiet li jaslu wara li jagħlaq iż-żmien biex jintlaqgħu l-applikazzjonijiet ma jiġux aċċettati.
- Meta n-numru ta' postijiet disponibbli f'kors ikun limitat, u n-numru ta' applikanti li jissodisfaw ir-rekwiżiti tad-dhul u li jagħzlu l-kors jeċċedi n-numru ta' postijiet disponibbli, isir ordni tal-mertu għall-applikanti kollha li japplikaw għall-kors.
 - Studenti li f'Lulju 2021 ikunu temmew kors I-MCAST b'suċċess u japplikaw biex jawanzaw għal kors ta' livell oghla fl-istess qasam ta' studju, jingħataw prijorità fuq applikanti li ma jkunux studenti tal-MCAST u japplikaw għall-istess kors.
 - Aptitude Tests u/jew Intervisti – F'dawk il-każi fejn isiru Aptitude Test u/jew Intervista, l-għażla tal-applikanti tkun ibbazata fuq in-numru ta' punti miksuba mill-kwalifiki li jkollhom l-applikanti, wara li dawn ikunu għaddew mit-test u/jew mill-intervista.
 - Initial Assessment Tests – Applikanti li jkollhom l-SSC&P (Secondary School Certificate and Profile) mhux ikklassifikat, ikunu mehtieġa joqogħdu għal Initial Assessment Tests fil-

Malti, fil-Lingwa Ingliża u fil-Matematika. Dawk l-applikanti li jinstabu li jkollhom bżonn ta' hafna għajnuna jiġu ggwidati biex jidhlu 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 zewġ 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 jibdeu direttament fil-Livell 2.

- e. Applikant jintgħazel biex jidhul f'kors tal-Livell 1 jew f'kors tal-Livell 2 skont ir-risultati miksuba fl-SSC&P jew, f'każ li ma jkollux l-SSC&P jew dan ma jkunx ikklassifikat, fuq ir-risultati miksuba fl-Initial Assessment Tests.
- 12. Il-grad i kollaħa miksuba fir-risultati tal-eżamijiet tas-SEC fil-Livell Ordinarju, fil-Livell Avanzat u fil-Livell Intermedju, jiġu allokati numru ta' punti kif jidher fit-tabella ta' hawn taħt:

Wara li applikant jiġi meqjus eliġibbli għal kors, in-numru ta'

| Livell Ordinarju | | Livell Intermedju | | Livell Avanzat | |
|------------------|-------|-------------------|-------|----------------|-------|
| 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 |

punti jiġi maħdum skont ir-rekwiziti tal-kors:

- a. Il-punti totali għas-suġġetti obbligatorji jiġu mmultiplikati b'5;
- b. Il-punti totali għal suġġetti preferuti jiġu mmultiplikati bi 3;
- ċ. It-total ta' punti miksuba jindika l-post tal-applikant fl-ordni tal-mertu għad-dhul fil-kors.
- 14. Biex l-applikazzjoni tiġi kkunsidrata kompluta, l-applikant irid jimla l-Formola ta' Konsens 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-konsens tal-ġenituri, jew tal-persuna/i li jkunu taħt il-harsien u l-kustodja tagħha/hom.
- 15. F'każ ta' korsijiet fejn jibqa' postijiet disponibbli wara l-ewwel sejha għal applikazzjonijiet, jinharġu sejhiet oħra għal applikazzjoni. Id-data tal-għeluq għal dawn l-applikazzjonijiet tiddependi mid-data tal-pubblikazzjoni tar-risultati tal-MATSEC. Postijiet li jibqgħu ma jimtlew 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 kif ukoll tixxandar f'midja differenti.
- 16. Kull applikazzjoni għal dhul 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 giet maqbula mill-Council of Institutes sakemm din ma tiġix approvata mir-Registatur tal-MCAST.

- 17. Il-Kulleġġ jirrizerva d-dritt li ma jiftax il-kors jekk in-numru ta' applikazzjonijiet ma jkunx vijabbli. F'dan il-każ, l-applikanti jingħataw iċ-ċans li jaqgħu kors ieħor.

DEGREES VOKAZZJONALI

- 18. Individwi li jkollhom Diploma Avanzata tal-Livell 5 maħruġa mill-MCAST, jew xi kwalifika ekwivalenti, jistgħu jitolbu li jidhlu direttament fl-aħħar sena ta' programm li jwassal għall-bacellerat, 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-provvedimenti tar-Regoli u l-Proċeduri tal-MCAST. Applikanti li jkollhom Higher National Diplomas approvati minn Istituzzjonijiet ta' Edukazzjoni Oghla jistgħu wkoll jiġu kkunsidrati eliġibbli. Applikanti li jkollhom kwalifiki oħrajn approvati mill-Kulleġġ jiġu kkunsidrati wara li jiġu segwiti l-proċeduri tal-Kulleġġ applikabli għal talbiet bħal dawn.

APPLIKAZZJONIJET LI JAQGHU TAHT IL-KLAWSOLA TA' MATURETÀ

- 19. Applikanti li jissodisfaw il-kundizzjonijiet ta' hawn taħt jistgħu japplikaw biex jiġu kkunsidrati biex jidhlu f'korsijiet tal-MCAST bħala studenti maturi:
 - Ikollhom iċ-Ċertifikat tat-Tmien 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 kapaci jsewgu u jistgħu jibbenefikaw mill-programm magħżul permezz ta' intervista li ssirilhom 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' jitolb lill-kandidati jaqgħu studji addizzjonali bħala kundizzjoni biex ikunu aċċettati. Il-Bord jista' jirrakkomanda kors alternattiv fejn jinħass li dan ikun aktar addattat għall-kandidat rispettiv. Il-Bord jirrizerva d-dritt li jevalwa l-kompetenzi tal-applikant permezz ta' assessment.
- 20. Programmi vokazzjonali għall-iskejjel sekondarji (BTEC L2 Extended Certificate) ikollhom l-istess valur ta' suġġett wiehed tas-SEC fil-Livell Ordinarju, kif jidher hawn taħt:
 - Distinction = Grad 1**
 - Merit = Grad 3**
 - Pass = Grad 5.**

EVENTS

Campus events at MCAST play an important role in shaping the social and intellectual life of each student. As you begin to settle down, you may wonder what your campus social life will look like for the rest of the year. MCAST helps each and every student maximise their experience on campus by organising a variety of thematic, cultural and sport events to engage the MCAST population. With so much to do around campus, there's a little something for everyone. Here are some fun student activities:

Freshers' Days

Every year, MCAST welcomes over 7,000 new and progressing students for the upcoming Academic Year. Freshers' Days include various activities organised for new students to discover more about the respective Institutes and opportunities for both work placements and volunteering. Freshers' Days are the perfect opportunity for students to meet many of MCAST's industry partners and local businesses, and get to know more about organisations working in collaboration and within MCAST. Stalls managed by local businesses and non-governmental organisations are set up and cool stuff is given to all who visit.

Diversity Day

The College celebrates Diversity Day in May on the Main Campus. Various activities promote cultural diversity to celebrate and raise awareness of the different nationalities represented at MCAST. Stalls are set up in the MCAST Student House where students present different crafts and traditional exhibitions from around the world. Visitors have the opportunity to taste traditional food from different countries as well as to view students dressed in traditional costumes.

Open Days

Open Days offer the perfect opportunity to prospective students and their families to look around the College campus and also meet lecturers and current students and speak to representatives from the College's Admissions and Outreach teams. Tours around MCAST campus are organised and MCAST staff are available to answer any questions you might have about student life on campus. Subject specific talks are scheduled throughout the days.

Cultural Activities

Cultural activities not only help students to identify themselves with MCAST, but also assist them to develop themselves in a desired field and also improve organizational, presentation, leadership and interpersonal communication skills. As cultural activities are of paramount importance, MCAST encourages all extra-curricular activities that are both in line with the educational objectives of the institution and meet the needs of the students. In this regard, each year a creative arts festival is organised to increase brand perception and create an event that builds hype and anticipation for years to come. The ICA Festival celebrates creativity and acts as a platform to showcase the students' hard work and collaboration with relevant stakeholders in the industry.



SPORT

Being physically active plays a significant role in maintaining a healthy lifestyle. Sports and exercise are not only beneficial to one's physical and mental health but can also have a positive effect on study results. Whether you are a serious athlete, casual gym goer or just in need to unwind before, in between or after lectures, you are welcome to visit our sports facilities on campus. Football, basketball, handball and 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 member of staff for advice to help you get started or you can also follow your own programme. Furthermore, tournaments in different sport disciplines are organised and all students and staff are encouraged to participate and have fun while keeping in shape.





We take
YOUR
WELLBEING
very seriously



WELLBEING HUB

The Wellbeing Hub offers a variety of services directed towards self-fulfilment, serenity and health. Counselling and therapeutic interventions are offered to assist students and staff through a process of personal growth. Other specialised services focus on addictions, mental health, nutrition and sexual health. All services are provided by professionals in the relevant fields on a high level of confidentiality.

YOUTH HUB

The Youth Hub is a safe space for young people where they can chill out, relax and enjoy different indoor activities. It is also meant to be an educational hub which attracts different ideas by young people that can be transformed into discussions, campaigns, projects and activities. New opportunities and information can also be accessed.

INTEGRATION OFFICE

The Unit aims to welcome and integrate all students during their time at MCAST while celebrating diversity. It provides support to members of staff in collaboration with NGOs working in the field of integration.

CAREER GUIDANCE SERVICE

Not decided yet on your career? You do not know how to realise your dream? Let us help to empower you to make your own choices and to select the best route to get you there.

STUDENT LIAISON OFFICE

The aim of this office is to offer students a holistic experience towards educational and personal growth through assistance and guidance to all services provided by the College.

GRIEVANCE OFFICE

The MCAST Grievance Office provides support and enhances solutions for students and staff who have a complaint to be resolved.

MCAST SALESIAN CHAPLAINCY TEAM

The MCAST Chaplaincy Team is a Salesian presence among staff and students that supports MCAST to become a place where young people are not just taught but are also listened to, prepared for life and valued.

CORPORATE SOCIAL RESPONSIBILITY OFFICE

The MCAST CSR Office collaborates with various voluntary organisations, sports associations and local councils with the aim of providing all learners an opportunity to enrich their studies with experiences that add value to their knowledge base.



ENTREPRENEURSHIP

THE
PRACTICE
AND
MINDSET

EM

WORK-BASED LEARNING AND ENTREPRENEURSHIP

WHAT IS WBL ?

- Work-based learning prepares you for real-world careers through a combination of relevant work experience and college-based learning
- Work-based learning improves your career opportunities
- Work-based learning allows you to undertake real work, through the production of real goods and services
- Work-based learning provides learners with the skills needed to be employable and progress in their professional development.

Depending on the course chosen, MCAST provides work-based learning in different formats: placements, apprenticeships, internships, live cases.

- A placement offers students up till MQF Level 4 the opportunity to gain basic work experience and skills leading to a vocational qualification or award. These can be paid or unpaid at the discretion of the sponsor.
- Through an apprenticeship programme, you can obtain paid, relevant workplace experience that is combined with college-based learning in preparation for a career in different industry areas. Apprenticeships are offered in selected courses at MQF Levels 3-6.
- An internship offers students following certain programmes at MQF Level 5 or higher the opportunity to gain practical work experience leading to a vocational qualification or award. These can be paid or unpaid at the discretion of the sponsor.

Live cases use the units of the creative arts programme as a vehicle through which industry experience can be gained. They enable the student to work directly with a client to research, design, develop and produce a tangible creative concept.

The MCAST Entrepreneurship Centre (MEC) is a non-profit centre created to help MCAST students and alumni. It is the purpose of MCAST to foster economic development at MEC and to promote small business development by supporting the formation and growth of new companies that will commercially develop new products and services and create new job opportunities. MEC aims at providing MCAST students and alumni with the opportunity of transforming their creative and innovative ideas into profitable and sustainable business ventures. We strive to teach our tenants how to be decisive and how to negotiate, and mentor them to develop ideas into profitable business. This is all free..... all we ask for is commitment, willingness and vision.



LEARNING SUPPORT Unit

The Learning Support Unit is a team of lecturers who deliver the key skills transversally across all Institutes and levels. These include Mathematics, English, Maltese, Information Technology, Individual Social Responsibility Science and Entrepreneurship. Staff is engaged in giving one to one or small group support in the key skills and some vocational areas according to the need.

The LSU also provides specific services, such as Organisational skills, the Pastoral Care programme to all Foundation students and also the Maltese as a Foreign Language unit.

INCLUSIVE EDUCATION Unit

MCAST aims at creating an inclusive environment where learners are provided with the educational support required to develop their full potential. Students with particular needs or disabilities including dyslexia, autism, visual/hearing impairment etc. are registered with the IEU through an online application followed by a meeting to discuss their needs further. IEU services spread over all levels and Institutes, reaching out to all IEU students.

SERVICES INCLUDE

- Access Arrangements (e.g. extra time, reader).*
- Individual LSE Support Sessions in Maltese, Mathematics, English and general support.*
- In-Class LSE Support Sessions (Intro A to Level 3 depending on the group abilities)*
- Map Sessions to identify students' challenges and support required.*
- Orientation Tours for students to familiarise themselves with the campus (particularly for anxiety, autism and orientation-related needs).
- Peer Preparation Sessions to foster classmates' respect and encourage support.*
- Multi-Disciplinary Support through liaison with other support services.
- Transport for mobility-impaired students.
- Personal Assistants for students with considerable motor skills difficulties.
- Student Needs Notification to the respective management and lecturing staff.
- Reasonable Accommodation on a case-by-case basis.

**Available both on campus and online.*

DOCUMENTS REQUIRED FOR IEU REGISTRATION

(applicable ones only)

- Psychological Report
- Occupational Therapy Report
- Medical Report / Evidence
- MATSEC / ADSC Confirmation Letter regarding access arrangements
- Individual Education Plan (IEP).



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inclusiveeducation@mcast.edu.mt



MCAST INTERNATIONAL OFFICE

The MCAST International Office works towards identifying international opportunities to provide experience abroad both in 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. There are various opportunities for students, following different education paths at MCAST:

- Students in the final year of Level 4 courses can benefit from a 2 or 3-week work placement abroad in a company;
- Higher Diploma and Degree students can benefit from a 2-3 months' work placement abroad in summer or even follow a semester of studies abroad that will be included with the course they are following at MCAST;
- Degree students benefit from a similar opportunity within one year of graduating for a minimum period of 2 months.



L-UFFIĊĊJU INTERNAZZJONALI tal-MCAST

L-Uffiċċju Internazzjonali tal-MCAST jaħdem biex isib opportunitajiet ta' xogħol barra minn Malta bil-għan li jipprovdi lill-istudenti l-possibilità li jieħdu esperjenza Ewropea kemm fl-istudju kif ukoll fid-dinja tax-xogħol, anke permezz tal-programm Erasmus+. Aħna ngħinu lill-istudenti tal-MCAST qabel isiefru, waqt li qegħdin barra u meta jiġu lura Malta.

Apparti mill-esperjenza ta' studju/xogħol li jakkwistaw, l-Erasmus+ jgħin lill-istudenti sabiex isiru indipendenti fl-hajja ta' kuljum u jitgħallmu dwar il-kultura u l-popli Ewropej.

Aħna naħdmu ma' diversi msieħba mal-Ewropa kollha u qed insibu work placements u study mobilities għal studenti fi stadji differenti tal-edukazzjoni tagħhom fl-MCAST:

- L-istudenti fl-aħħar sena tal-korsijiet tal-Livell 4 jistgħu jibbenefikaw minn work placement ta' 2-3 ġimgħat f'kumpaniji barra minn Malta;
- Studenti li jkun qad jagħmlu kors li jwassal għal Higher Diploma jew għal Degree jistgħu jagħmlu work placement ta' bejn xahrejn u tliet xhur barra minn Malta fis-sajf jew inkella jsegwu semester ta' studju barra minn Malta li jiġi inkluz mal-kors tagħhom;
- Studenti tad-Degree jistgħu jagħmlu work placement ta' mhux inqas minn xahrejn barra minn Malta, sa sena wara li jiggradwaw.

MCAST LIBRARY & LEARNING RESOURCE CENTRE

Probably we all have the common image, ingrained in our minds, of the library, a place for nerds and bookworms, some more wormy than others, keeping quiet and going through books, with staff doing the rounds with hardly a smile. Well I am not telling you that that is not the real image, but we can only invite you to come and see ...

MCAST Library and Learning Resource Centre (LLRC) ... It's cool!

We are in more than one location. You can find us not just in the Main Campus in Paola, but also at the Institute for the Creative Arts in Mosta, at the Centre for agriculture, Aquatics and Animal Sciences in Qormi and at the MCAST Gozo Campus. But wherever we are, we will help you as best as we can!

The MCAST Library and Learning Resource Centre (LLRC) provides quality resources both physical and online in order to support the teaching, learning and research strategies of the MCAST community. We ensure that various information services and systems are in place to meet the requirements of individuals as well as group members.

The LLRC has now got a collection of 65,000+ books and a vast collection of electronic resources which includes more than 165,000 e-books and millions of electronic articles, conference proceedings, standards etc. The LLRC subscribes to IEEE, ProQuest, EBSCO and Emerald databases to meet with your resource needs.

In addition to this, we also have these services:

- The Library welcomes newcomers with fun-filled events, tours and activities.
- Our Library Webpage (<https://www.mcast.edu.mt/mcast-library/>) helps you familiarize yourselves with

various services we offer.

- An online Library Catalogue helps you find the materials in the libraries.
- Individual as well as group workshops to use the online Catalogue, to access Electronic resources, Information Literacy sessions, etc. assist with your study related queries.
- Circulation, which includes borrowing, returning and renewing of library items, as well as answering to queries.
- MCAST Libraries Facebook Page to update you with the latest Library information (<https://www.facebook.com/MCAST.Libraries/>).
- MCAST LLRC YouTube channel for guideline videos (https://www.youtube.com/channel/UCEkd96YLIL8PXc_XhUPWIZw)
- We provide silent study areas, group study areas and a dedicated floor for computer lab.
- We also offer services of photocopying, printing, scanning and wi-fi.
- We organize colourful events and activities throughout the year for you to enjoy, think and participate.
- A friendly team of professional staff ever ready to help you with a smile.

Besides all these, the new Library and Learning Resource Centre, which is coming up in full glory with attractive and spacious interiors and an advanced collection of resources will be fully functional in 2021.

So do visit us, learn and let us have fun too. This Library can be like a home for you. We wish to make your acquaintance and be of service to you all.



ADULT Learners

For more than 15 years, MCAST has been successfully providing professional and accredited courses for adults living in Malta. Our experience has shown us that students who participate in adult education develop a range of valuable skills which can be transferred to enhance individual or work-related aspirations. We offer a wide range of courses and apprenticeships from entry level to degree level, so whether it is progressing in your career, returning to work, improving your *Mathematics* and *English*, working toward a degree or taking up a new interest, we will have a course for you.

Our entry requirements allow mature adults to join MCAST programmes when they are in possession of a School Leaving Certificate and are of a particular age by the end of the calendar year. Please consult the Conditions for Application in this prospectus for details.



Deborah Debono *MCAST Institute of Community Services*

Primary School Teacher

“I am more than sure that no other institution in the field could have possibly passed on all the knowledge and experience I have acquired from MCAST. If I had to go back to the start, I would definitely do it all over again!”



Darren Cassar *MCAST Centre for Agriculture, Aquatics and Animal Sciences in BSc (Hons) in Horticulture*

Agricultural Officer, Ministry for Agriculture, Fisheries and Animal Rights

“During the three years reading for the degree I gained the knowledge and experience needed, both through lectures and through hands-on practice. Every year I had the opportunity to go abroad on an Erasmus programme to gain work experience in a different European country.”



SHESEYA TANTI

KKD



SARAH SOLTANI

VICE-PRESIDENT



RUUD CHIRCOP

PUBLIC RELATIONS OFFICER



MIRAYAH CARABOTT

KS



DENILSON BRINCAT

MEDIA OFFICER



OWEN TEUMA

GOZO REPRESENTATIVE



BRADLEY DEBONO

PRESIDENT



MARIA GAUCI

GENERAL SECRETARY



LUKE BORG

KPS



AMY GARZIA

FINANCIAL OFFICER

Kunsill Studenti MCAST

The KSM (Kunsill Studenti MCAST) is an independent, unaffiliated body at the heart of the Malta College of Arts, Science and Technology campuses in Malta and Gozo, whose sole purpose is to represent and safeguard the rights of each and every MCAST student.

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

KSM'S MAIN AIMS

Address students' complaints and concerns and forward these to the MCAST administration

Improve the overall college environment hand in hand with the administration

Provide information and consultation services to the student body and provide said body with the opportunity to offer feedback and suggestions

Improve the communicative relationship between the student body, management and administration

Keep the student body updated with regards to the general affairs going on at each and every satellite institute

Provide opportunities to the student body by means of discussions, debates and information sessions which serve as a direct benefit to the student life at MCAST institutes

Organise activities, campaigns, events and initiatives with the aim of involving the student body to the maximum

KSM encourages each and every student to lead an active campus life and participate in activities and events organised by both the council and the college itself. The executive of the council invites the student body as well as staff and administration to keep in close contact with the council itself and follow its work within MCAST institutes through the KSM's official social media.

We look forward to be part of your journey!



mcaststudentcouncil@gmail.com



[@KunsillStudentiMCAST](https://www.facebook.com/KunsillStudentiMCAST)



[ksm_malta](https://www.instagram.com/ksm_malta)

PART-TIME COURSES

MCAST Gateway to Industry Ltd has been the catalyst for a wide variety of MCAST tailor-made and accredited level-rated part-time courses.

MCAST part-time courses have a solid reputation, based on thousands of satisfied customers. Our interest is to continue offering a wider range of specialist and hobby courses which suit our customers' needs as well as the needs of industry.

We understand that many people are constrained by various commitments and by time. We are always seeking ways to offer the most flexible, supportive and high-quality learning experiences possible, all wrapped up into affordable options which guarantee prospects to focus more on students' studies. MCAST seeks to unlock the potential in everyone, through the wide range of part-time courses which may help students develop new skills or progress in their career.

Our specialist staff and expertise within all the areas of studies offered at MCAST enable us to deliver a broad range of part-time courses, mostly project-led, which allow students to deepen their understanding of the subject and develop as practitioners.

MG2i is also committed to assisting companies' needs in constant upskilling and continuous professional development, by building tailor-made courses for existing employees. Our courses

guarantee support from enrolment to graduation. Several MQF rated and accredited courses on offer are entitled to a Tax Rebate under the 'Get Qualified' scheme. MCAST full-time students are eligible to a 50% discount on part-time courses that are free from materials and consumables. Otherwise a discount of 25% will be applicable.

MG2i is also responsible for the promotion of MCAST and its courses through international markets. MCAST has a growing international student community from all over the world following a diverse range of study programmes, which are delivered in English. Applicants may apply at MCAST individually and are guided towards their field of interest at the level that is most appropriate for them. Alternatively, at MCAST we offer custom-made programmes of study for cohorts that are usually brought together by common interests and/or goals. This allows greater flexibility in terms of course delivery and timeframes.





MCAST

PARLIAMENTARY SECRETARIAT
FOR EUROPEAN FUNDS

SKILLS KITS

COURSE CODE

FC1-01-21

This course of study gives the learners the opportunity to study at their own pace and explore different vocational areas. It is made up of a number of bite-sized courses ranging from vocational areas to personal skills and employability skills. Learners can choose the number and combination of Skills Kits they would like to study, creating their own programme of studies. Learners who successfully complete a Skills Kit are awarded a certificate. Learners who successfully complete 30 Skills Kits are awarded the MCAST Introductory Skills Certificate.

Dan il-kors ta' studju huwa maħsub għal studenti li jippreferu jistudjaw bil-pass tagħhom u jespjoraw oqsma vokazzjonali differenti. Il-kors jikkonsisti f'numru ta' Skills Kits (numru żgħir ta' lezzjonijiet dwar kull waħda minn hafna hilet differenti). L-iSkills Kits ikopru diversi oqsma vokazzjonali kif ukoll hilet personali u hilet għall-impjeg. Il-programm joffri lill-istudenti l-possibiltà li jiddeciedu huma n-numru ta' Skills Kits li jridu jistudjaw fuq perjodu ta' żmien. Huma jkollhom ukoll l-opportunità li jagħzlu t-taħlita tagħhom ta' Skills Kits li jixtiequ jirreġistraw għalihom. L-istudenti jingħataw certifikat għal kull Skills Kit li jtemmu b'suċċess. Barra minn hekk, studenti li jtemmu b'suċċess 30 Skills Kit jakkwistaw l-MCAST Introductory Skills Certificate.

ENTRY REQUIREMENTS

Finished Compulsory Education**An Interview and / or Initial Assessment Tests
(as may be applicable)**MQF LEVEL
Level 1

COURSE DURATION

Depends on the number of Skills Kits applicants choose to take. The maximum number of Skills Kits that can be taken per academic year is thirty.

1

ECVET

Operational Programme II – European Structural and Investment Funds 2014-2020
"Investing in human capital to create more opportunities and promote the well-being of society"Project part-financed by the European Social Fund
Co-financing rate: 80% European Union Funds; 20% National Funds



Award in **VOCATIONAL SKILLS** (Introductory Level - A)

COURSE CODE
EPA-01-21

The Award in Vocational Skills 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. 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 a three-day evaluation period to assess the suitability of the course and identify the vocational area according to their abilities.

L-Award fil-Hiliet Vokazzjonali jgħin lill-istudenti b'dizabilità jew b'diffikultà fit-tagħlim jiksbu l-hiliet meħtieġa biex isibu u jżommu impjieg jew biex ikomplju jistudjaw. L-istudenti jiġu mharrġa f'wieħed mill-oqsma vokazzjonali li ġejjin: l-Ospitalità u l-Bejgħ, il-Hiliet tal-Uffiċċju u Hiliet Digitali. Huma jiġu evalwati wkoll fil-Hiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, il-Creative Self-Expression, u l-Hiliet għall-Hajja ta' Kuljum u dawk Komunitarji. Tiġi pprovduta wkoll esperjenza ta' taħriġ fuq il-post tax-xogħol fi hdan il-Kulleġġ, skont il-qasam vokazzjonali li jkun qed jiġi studjat. Qabel ma jirreġistraw fil-programm, l-istudenti huma meħtieġa jattendu perjodu ta' evalwazzjoni ta' tlett ijiem biex tiġi evalwata l-adeqgatezza tal-kors u jiġi identifikat il-qasam vokazzjonali skont l-abbiltajiet tagħhom.

ENTRY REQUIREMENTS

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 last Individual Education Plan (IEP)

Adapt to both class-based and community-based learning to be ascertained through a 3-day workshop at MCAST, attendance for which is compulsory

Commitment to prospective employment.

Applicants may be asked to sit for an interview.



MQF LEVEL
Level A



COURSE DURATION
1 Year full-time

30

ECVET

Award in **VOCATIONAL SKILLS** (Introductory Level - B)

COURSE CODE
EPB-01-21

The Award in Vocational Skills is a programme of study following the MCAST Award in Vocational Skills – Introductory 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 A, which are Hospitality and Retail, 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 according to the vocational area being studied.

L-Award fl-Hiliet Vokazzjonali huwa programm ta' studju li jsegwi l-MCAST Award in Vocational Skills – Introductory A, li jgħin lill-istudenti b'diżabilità jew diffikultà fit-tagħlim fl-iżvilupp tal-hiliet meħtieġa biex jiksbru 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 A, li huma l-Ospitalità u l-Bejgħ, il-Hiliet tal-Uffiċċju u Hiliet Diġitali. Huma se jiffokaw ukoll fuq il-Hiliet Ewlenin, li jinkludu l-Malti, l-Ingliż, il-Matematika, il-PSHE, l-IT, u l-Hiliet għall-Hajja ta' Kuljum u dawk Komunitarji. Tiġi pprovduta wkoll esperjenza ta' taħriġ fuq il-post tax-xogħol fl-industrija, skont il-qasam vokazzjonali li jkun qed jiġi studjat.

ENTRY REQUIREMENTS

MCAST Award in Vocational Skills – Introductory A

Adaptation to both class-based and community-based learning to be ascertained through the previous year

Commitment to prospective employment.



MQF LEVEL
Level B



COURSE DURATION
1 Year full-time

30

ECVET



Institute of

APPLIED SCIENCES



Message from the director

Ms PAULA GRECH BONNICI



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Introductory Certificate in **APPLIED SCIENCE**

COURSE CODE
AS1-01-21

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 jipprovdi lill-istudent l-għarfien bażiku tax-xjenza u t-teknoloġġa 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-kuncetti xjentifiċi ewlenin kollha li huma meħtieġa bħala bażi għal studji vokazzjonali ulterjuri fis-settur tax-xjenza.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in **APPLIED SCIENCE**

COURSE CODE
AS2-01-21

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 ikompli l-istudji tagħhom f'diversi oqsma differenti relatati max-xjenza inkluzi x-xjenzi ambjentali, tas-saħħa u industrjali. L-istudenti jkopru diversi suġġetti bħall-Kimika, il-Fizika, 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 oghla. Dan il-programm huwa partikolarment xieraq għall-istudenti li għandhom xeħta għal suġġetti xjentifiċi jew tekniċi, anke jekk ma jkunux għadhom iddecidew liema karriera se jidhlu għaliha.

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET



Diploma in APPLIED SCIENCE

COURSE CODE
AS3-01-21

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 bazi b'saħħitha għall-principji fundamentali tax-xjenza u t-teknoloġija, kif ukoll introduzzjoni għal sugġetti tax-xjenza vokazzjonali relatati mal-industriji tas-saħħa, l-ambjent, l-ikel u l-inġinerija. L-istudent ikun jista' jifhem il-principji fundamentali u l-liġijiet 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-principji wara ċerti teknoloġiji.

ENTRY REQUIREMENTS

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



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Advanced Diploma for **PHARMACY TECHNICIANS**

COURSE CODE
AS4-01-21

This programme of study is designed to provide learners with the skills, knowledge and competences necessary for a career as a pharmacy technician. 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.

Dan il-programm ta' studju huwa mfassal biex jipprovdi lill-istudenti l-hiliet, l-għarfien u l-kompetenzi meħtieġa għal karriera bħala tekniku farmaċewtiku. L-istudenti se jiltaqgħu mal-principji xjentifiċi u farmaċewtiċi u jingħataw għarfien sod ta' materjal relatat mas-saħħa, li jirriżulta f'approċċ holistiku biex wieħed jibda karriera b'mod effettiv u kompetenti bħala tekniku farmaċewtiku. Dan il-programm ta' studju huwa mfassal biex jipprovdi lill-istudenti l-hiliet tekniċi, l-għarfien tal-proċeduri, il-legiżlazzjoni u r-responsabbiltajiet kollha meħtieġa għal karriera bħal din u jinkludi taħriġ u prattika relatati max-xogħol.

ENTRY REQUIREMENTS

MCAST Diploma in Applied Science or MCAST Diploma in Health and Social Care (with additional module in Chemistry) or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: English Language, Mathematics, Chemistry
Preferred: Biology, Health and Social Care

CAREER OPPORTUNITIES

Pharmacy technician



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **APPLIED SCIENCE**

COURSE CODE

AS4-A2-21

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 bħal dawk 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-impjegji f'industriji rilevanti. L-istudenti jirrikonoxxu kif il-principji fundamentali tax-xjenza jirrelataw mal-operat tekniku tal-post tax-xogħol. Huma jżviluppaw il-ħiliet neċessarji biex jaħdmu f'ambjent ta' laboratorju fl-industrija tal-manifattura, u biex japplikaw il-principji bażiċi fuq il-post tax-xogħol.

ENTRY REQUIREMENTS

MCAST Diploma in Applied Science
or **4 SEC/O-Level/SSC&P (Level 3)** passes
From: **English Language, Mathematics, Physics, Chemistry, Biology, Design and Technology, Health and Social Care**

CAREER OPPORTUNITIES

**Laboratory analyst;
Laboratory technologist;
Scientific officer**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET



Advanced Diploma in ENVIRONMENTAL SUSTAINABILITY

COURSE CODE
AS4-03-21

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

Compulsory: At least three (3) passes From: English Language, Mathematics, Physics, Chemistry, Biology, Design and Technology, Computer Studies, Environmental Studies

CAREER OPPORTUNITIES

**Technical project manager;
Environmental technologist;
Environmental analyst**



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma for **HEALTH SCIENCES**

COURSE CODE
AS4-04-21

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, the physical and psychological changes due to aging, 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 għe żviluppat biex ihejji lill-istudenti għal karreri relatati mas-saħħa. L-unitajiet ta' studju jindirizzaw l-anatomija u l-fiżjoloġija tal-gisem tal-bniedem, it-tibdil fiżiku u psikoloġiku minħabba x-xjuħija, u jgħin lill-istudenti jiżviluppaw kompetenzi li jgħinuhom jitgħallmu kif igibu ruħhom ma' persuni bi problemi ta' saħħa u ta' mgiba diffiċli. Permezz ta' taħriġ fuq il-post tax-xogħol, l-istudenti jkollhom l-opportunità li jiżviluppaw il-hiliet u l-kompetenzi meħtieġa biex jaħdmu fis-settur tas-saħħa.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Applied Science
or **MCAST Diploma in Health and Social Care**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: English Language, Mathematics, Biology
Preferred: Maltese, Chemistry, Health and Social Care

CAREER OPPORTUNITIES

Allied health assistant;
Paramedic aide;
Health administrator

Advanced Diploma in FOOD TECHNOLOGY

COURSE CODE
AS4-A1-21

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 workbased elements. This programme prepares learners for employment within SMEs as well as medium to large organizations which produce a range of food and drink products.

L-industrija tal-ikel u x-xorb hija settur dinamiku li jirrikjedi għadd ta' persuni teknici bi kwalifiki għoljin biex ilaħħqu 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-iehor; jiżguraw li jiġu sodisfatti l-istandards ta' sikurezza u ta' kwalità; itejbu prodotti eżistenti u jiddisinjaw ikel u xarbiel ġodda u innovattivi. Dan huwa programm multidixxiplinari offrut f'erba' Istituti u jinkludi sugġetti 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 jiksibu għarfien dwar l-industrija u l-ghodod u l-hiliet 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.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Applied Science or MCAST Diploma in Mechanical Engineering or MCAST Diploma in Engineering (Electronics) or 4 SEC/O-Level/SSC&P (Level 3) passes
Preferred: English Language, Mathematics, Home Economics, Physics, Chemistry, Biology, Design and Technology, Hospitality

CAREER OPPORTUNITIES

**Food analyst;
Assistant food technologist;
Food product development technologist;
Food production supervisor;
Food quality assurance technician**

MODE

Apprenticeship

Bachelor of Science (Honours) in **CHEMICAL TECHNOLOGY**

COURSE CODE
AS6-01-21

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 għall-baċcellerat joffri opportunità lill-istudenti biex jiksbu bażi soda fl-kunċetti ewlenin tal-kimika u l-manifattura ta' prodotti kimici, bħal prodotti farmaċewtiċi, polimeri, ikel, xorb u prodotti petrokimici. L-għarfien, il-ħiliet u l-kompetenzi miksuba jagħtu lill-individwi l-opportunità biex jirnexxu fl-impjieg f'firxa wiesgħa ta' industrij 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 kimici 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 kimici. Il-programm jipprovdi wkoll opportunitajiet għall-istudenti biex jiffokaw fuq l-iżvilupp ta' ħiliet ta' livell oġġa f'kontest 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
Preferred A or I-Level: Biology or Physics or Mathematics (Pure or Applied)

CAREER OPPORTUNITIES

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

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in ENVIRONMENTAL SCIENCE AND SUSTAINABLE TECHNOLOGIES

COURSE CODE
AS6-02-21

The protection of natural resources, CO₂ 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 deals 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-CO₂, 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-ingenierija klassika max-xjenzi naturali. Dan il-kors jitratta soluzzjonijiet tal-ingenierija għal sfidi ambjentali li se niffaċċjaw fil-futur. Dan il-kors iwassal 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 jistgħu jkunu attivi fl-ippjanar, fil-kostruzzjoni u l-operat 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 I- or A-Level: Physics or Mathematics (Pure or Applied), Biology, Chemistry, Geography, Environmental Studies

CAREER OPPORTUNITIES

Water project manager;
Alternative energy manager;
Environmental sales personnel;
Environmental regulator

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in **HEALTH SCIENCES** (Physiological Measurements)

COURSE CODE
AS6-03-21

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 għall-bacellerat huwa maħsub għall-istudenti li jixtiequ jkomplu bl-istudji tagħhom f'oqsma li jipprovduhom il-kompetenzi xierqa biex jkomsbu tagħrif dwar l-attività fiżjoloġika tal-gisem tal-bniedem. Ix-xjentisti kwalifikati f'dan il-qasam jingħaqdu ma' diversi professjonisti oħra fil-qasam tas-saħħa u jipprovdu l-informazzjoni djanjostika 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 bħala prattikant xjentifiku kkwalifikat fil-qasam tal-fiżjoloġija klinika.

ENTRY REQUIREMENTS

MCAST Advanced Diploma for Pharmacy Technicians or MCAST Advanced Diploma in Health Sciences or 2 A-Level passes and 2 I-Level passes Compulsory A-Level: Biology Preferred: Chemistry, Physics

CAREER OPPORTUNITIES

Health practitioner (physiological measurements)

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180
ECTS

Northumbria University Bachelor of Science (Honours) in **NURSING STUDIES**

COURSE CODE

AS6-04-21

This Northumbria University programme offered in collaboration with MCAST provides learners with the necessary competences and qualifications required to register as a nurse (Level 1) in Malta and across all EU member states. Learners will pursue a minimum of 2,300 hours of theoretical work and 2,300 hours of practical work (most of which is carried out on placement) as stipulated by EU directive 2005/36/EC, leading to a clinically skilled and compassionate nurse with professional values and who is fully capable of taking on accountable responsibility. Learners must successfully pass all theoretical and practical components of the course to be eligible for registration.

Dan il-programm tal-Università ta' Northumbria offrut b'kollaborazzjoni mal-MCAST jipprovidi lill-istudenti l-kompetenzi u l-kwalifiki neċessarji li huma meħtieġa biex jirreġistraw bħala infermiera (tal-Ewwel Livell) f'Malta u fl-istati membri kollha tal-UE. L-istudenti jkollhom minimu ta' 2,300 siegħa ta' hidma teoretika u 2,300 siegħa ta' hidma Prattika (li hafna minnha ssir fuq il-post tax-xogħol) kif stipulat fid-Direttiva tal-UE 2005/36/KE, bil-ghan li l-infermiera jkunu klinikament imħarrġa, juru kompassjoni, iħaddnu valuri professjonali u kapaċi jiehdu r-responsabbiltà fit-twettiq ta' dmirjiethom. L-istudenti jridu jgħaddu mill-partijiet teoretici u Prattici kollha tal-kors biex ikunu eliġibbli għar-reġistrazzjoni.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Health Sciences or MCAST Advanced Diploma for Pharmacy Technicians or 2 A-Level passes and 2 I-Level passes

Preferred A-Levels: Biology, English, Psychology, Sociology, Chemistry

Preferred I-Levels: Chemistry, Mathematics, Sociology;

Applicants will be subject to an occupational health screening and a values-based competitive interview to establish the suitability of candidates for nursing and that will ultimately act towards the final selection of candidates. Learners must also provide evidence of a clear criminal conduct.

CAREER OPPORTUNITIES

State registered nurse

MODE

Internship (assessed clinical placement)

Bachelor of Science (Honours) in **ENVIRONMENTAL HEALTH**

COURSE CODE
AS6-05-21

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.

L-istudenti prospettivi li jsegwu dan il-programm jindirizzaw id-diversi aspetti, hafna drabi relatati ma' xulxin, tas-sahha ambjentali li jinkludu: is-sahha pubblika; is-sahha u s-sikurezza ambjentali; is-sikurezza tal-ikel u tal-ilma; l-aspetti tas-sahha 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 jivwalutaw, janalizzaw, ifasslu u jimplementaw soluzzjonijiet effiċjenti fir-rigward ta' kwistjonijiet ta' saħħa ambjentali, bl-għan li l-kandidati li jtemmu l-kors b'suċċess ikunu jistgħu jsibu impjieg f'pożizzjonijiet ta' konsulenza, ta' infurzar jew fil-qasam tal-edukazzjoni. Huma se jitgħallmu wkoll dwar politiki lokali u oqfsa legali kurrenti li jissorveljaw il-governanza ta' dawn il-fatturi ta' saħħa ambjentali.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Health Sciences 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
Preferred A-Levels: English, Chemistry Preferred I-Levels: Chemistry, Mathematics

CAREER OPPORTUNITIES

Environmental health officer

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Introductory Certificate in ANIMAL HUSBANDRY AND HORTICULTURAL SKILLS

COURSE CODE
AG1-01-21

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 baziku ta' studju jipprovdi lill-istudenti firxa ta' hiliel, li permezz tagħhom huma jibdew jifhmu x'jinvolvu diversi attivitajiet tal-annimali u l-għelejjel. L-istudent ikollu l-opportunità li jiehu hsieb varjetà ta' annimali tal-irziezet, kif ukoll li jaħdem fl-għelieqi tal-għelejjel u fuq is-sigar tal-frott. Dan il-kors ta' studju jinkludi sugġetti 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 tal-ortikultura u tat-trobbija tal-annimali.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in **HORTICULTURE AND ANIMAL CARE**

COURSE CODE
AG2-01-21

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' hiliel u kompetenzi bażiċi sabiex isiru kompetenti f'diversi attivitajiet li jinvolve l-art u li huma relatati mas-settur agrikolu. Dan il-programm ta' studji jinkludi ammont sinifikanti ta' prattika vokazzjonali li tagħti idea ċara tan-natura tal-qasam li l-istudent jista' jkun jixtieq jinvolve ruhu fih fil-futur. L-istudenti jkollhom l-opportunità li jkissbu esperjenza prattika ma' annimali tal-irziezet, annimali eżotiċi u pjanti. Tingħata attenzjoni speċjali lill-ġestjoni tal-hamrija, tal-ghelejjet u tal-annimali, in-nutrizzjoni tal-bhejjem u l-manutenzjoni tal-irziezet.

ENTRY REQUIREMENTS

**Finished Compulsory Education
or MCAST Introductory Certificate;**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in ANIMAL CARE

COURSE CODE
AG3-01-21

This programme of study offers an introduction to working with and handling farm animals and pets, and 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 for farm and pet animals as well as accommodation, 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-hidma mal-animali tal-irziezet u l-animali domestiċi u t-trattament tagħhom, flimkien mal-esperjenza Prattika relatata meħtieġa. Dan jipprovdli l-hiliet Prattici u l-għarfien bażiku biex tiġi fformata bażi soda fir-rigward tal-kura tal-animali. L-istudent ikollu l-opportunità li jakkwista għarfien dwar diversi disinji ta' abitazzjoni li jistgħu jintużaw għall-akkomodazzjoni tal-animali tal-irziezet u l-animali domestiċi, li jistudja dwar il-proċeduri tal-għalf u kif jidentifika u jsolvi problemi ta' saħħa tal-animali. Student li jagħżel li jsegwi dan il-programm ta' studju se jkun mistenni jaqdi dmirijiet skedati tat-trobbija tal-animali li jiffurmaw parti minn dan il-kors. Din l-esperjenza Prattika, flimkien mal-motivazzjoni u r-responsabbiltà, se jsaħħu l-għarfien teoretiku li jkun kiseb matul il-lezzjonijiet.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Animal groomer;
Pet shop assistant;
Animal care assistant



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in FISH HUSBANDRY

COURSE CODE
AG3-02-21

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 l-istudent 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 jivviluppa l-għarfien u l-ħiliet prattiċi meħtieġa, ladarba jattendi s-sessjonijiet prattiċi kollha li huma vitali biex jissahħaħ l-għarfien teoretiku miksub matul 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



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in HORTICULTURE

COURSE CODE
AG3-03-21

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-viticultura, id-disinn tal-fjuri, il-gardinaġġ u t-tkabbir tal-pjanti, il-produzzjoni u l-ipproċessar tal-għelejjel. Sessjonijiet prattiċi u esperjenza ta' xogħol jiffurmaw parti integrali mill-programm ta' studju u jipprovdu lill-istudenti l-hiliet u l-kompetenzi meħtieġa biex itejbu l-opportunitajiet tagħhom li jsibu impjieg. Il-kors jipprovdi wkoll bażi tajba għal prospettivi ta' karriera fl-oqsma rispettivi fil-futur, jew biex l-istudent ikompli jistudja fl-livell aktar awanzat. Dan il-programm jagħti lill-istudent il-possibbiltà li jagħżel huwa stess il-kombinazzjoni ta' unitajiet differenti, li jwasslu biex l-istudent jikseb ċertifikat ta' għotja għal kull unità li jtemm b'suċċess.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

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



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Advanced Diploma in ANIMAL MANAGEMENT AND VETERINARY NURSING

COURSE CODE
AG4-01-21

This course of study provides learners with a broad knowledge of the animal management and animal care industry, including veterinary nursing and assistance as well as studies in veterinary diagnostic techniques and livestock management. The programme of study offers a wide perspective on the latest practices in the animal management/animal care sector as well as its 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 duties form an integral part of the curriculum.

Dan il-kors ta' studju jipprovdli lill-istudenti għarfien wiesgħa fir-rigward tal-industrija tal-ġestjoni u l-kura tal-annimali, inkluzi l-infermerija u l-assistenza veterinarja, kif ukoll studji dwar it-teknika dijanjostika veterinarja u l-ġestjoni tal-bhejjem. Il-programm ta' studju joffri perspettiva wiesgħa dwar il-prattici l-aktar riċenti fis-settur tal-ġestjoni u l-kura tal-annimali, kif ukoll ir-rabta tiegħu mal-intraprenditorja u s-settur kummerċjali relatat. L-istudenti jiġu mhegġa jorbtu t-teorija mal-prattika fl-istadji kollha tal-kors permezz ta' assignments, proġetti, hidma Prattika u esperjenzi ta' xogħol. Id-dmirijiet skedati tat-trobbija Prattika tal-bhejjem jiffurmaw parti integrali mill-kurrikulu.

ENTRY REQUIREMENTS

MCAST Diploma in Fish Husbandry or MCAST Diploma in Animal Care or MCAST Diploma in Horticulture or MCAST Diploma in Applied Science or 4 SEC/O-Level/SSC&P (Level 3) passes

CAREER OPPORTUNITIES

**Veterinary assistant;
Veterinary nursing assistant;
Farm operator;
Animal sanctuary warden**

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **FISH MANAGEMENT**

COURSE CODE
AG4-02-21

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 jipprovdilhom għarfien u aptitudni wesgħin 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 dik tal-fish farms kif ukoll 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 jiksbu esperjenza filwaqt li jittgħallmu ħiliet ġodda. Huma jiġu kontinwament imħegġa 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.

ENTRY REQUIREMENTS

MCAST Diploma in Fish Husbandry or MCAST Diploma in Animal Care or MCAST Diploma in Horticulture or MCAST Diploma in Applied Science or 4 SEC/O-Level/SSC&P (Level 3) passes

CAREER OPPORTUNITIES

**Fish farm inspector;
Aquaculture/aquatic technician;
Hatchery manager;
Aquarium maintenance technician**

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in HORTICULTURE

COURSE CODE
AG4-03-21

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 and 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 jipprovd 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 dwar il-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 jiġu 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

MCAST Diploma in Fish Husbandry or MCAST Diploma in Animal Care or MCAST Diploma in Horticulture or MCAST Diploma in Applied Science or 4 SEC/O-Level/SSC&P (Level 3) passes

CAREER OPPORTUNITIES

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

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Bachelor of Science (Honours) in **ANIMAL MANAGEMENT AND VETERINARY NURSING**

COURSE CODE
AG6-01-21

This bachelor's degree aims at providing learners with the opportunity to specialise in a main area of study with the aim of seeking employment at management level or similar. This may relate to animal welfare, production, education, veterinary services, research and development, and regulatory services both locally and internationally. The programme of study offers the required knowledge, skills and competences related to animal health and nutrition, welfare, ecology, philosophy, ethics and law. Learners will also undertake a research project whereby they will be expected to select a topic for investigation following an established methodology.

Dan il-kors, li jwassal għall-baċċellerat, għandu l-għan li jipprovdi lill-istudenti l-opportunità li jisspeċjalizzaw f'qasam ta' studji prinċipali, bl-għan li jsibu impjeg f'livell manigerjali jew simili. Dan jista' jkun jirrigwarda l-benesseri tal-animalli, il-produzzjoni, l-edukazzjoni, is-servizzi veterinarji, ir-riċerka u l-iżvilupp, u s-servizzi regolatorji, kemm lokalment kif ukoll internazzjonalment. Il-programm ta' studju joffri l-għarfien, il-hiliet u l-kompetenzi meħtieġa relatati mas-saħħa u n-nutrizzjoni tal-animalli, il-benesseri, l-ekoloġija, il-filosofja, l-etika u l-liġi. L-istudenti jwettqu wkoll proġett ta' riċerka li għalih ikunu mistennija jagħzlu sugġett biex jinvestigawh billi jsegwu metodoloġija stabbilita.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180
ECTS

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

CAREER OPPORTUNITIES

**Animal clinic manager;
Animal welfare officer;
Farm manager;
Nutritional adviser**

MODE

Internship

Bachelor of Science (Honours) in HORTICULTURE

COURSE CODE

AG6-02-21

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 Sustainable Land Use, Integrated Pest Management, Plant Nutrition and Fertilisation, Agricultural Technology, Rural Development and Garden Design/Landscaping. During this course students need to undertake a research project whereby a topic is chosen and subsequently investigated, researched, a methodology formulated and data collected, analysed and discussed.

Dan il-programm jagħti lill-istudenti hliet fl-prattici ortikurali l-aktar riċenti bl-użu ta' teknoloġija moderna. L-istudenti jkollhom l-opportunità li jistudjaw u jipprattikaw aspetti differenti relatati mal-qasam prinċipali tal-istudju tagħhom, bl-ghan li jsibu impjeg fl-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-gharfien u l-kompetenzi meħtieġa relatati mal-Użu Sostenibbli tal-Art, il-Gestjoni Integrata tal-Pesti, in-Nutrizzjoni u l-Fertilizzazzjoni tal-Pjanti, it-Teknoloġija Agrikola, l-Iżvilupp Rurali u d-Disinn tal-Ġonna/ilPajsaġġ. Matul dan il-kors l-istudenti jkunu meħtieġa li jaħdmu fuq proġett ta' riċerka, fejn jagħzlu sugġett sabiex jinvestigawh, jagħmlu riċerka fuqu, jiffformulaw metodoloġija, jiġbru d-data, janalizzawha u jiddiskutuha.

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

CAREER OPPORTUNITIES

**Farm advisory services provider;
Professional landscaper;
Garden designer;
EU/national regulatory control manager**

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in **FISH MANAGEMENT**

COURSE CODE
AG6-03-21

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 give them a better understanding of these sectors which are so important to the economy of the Maltese Islands. The study-units revolve around the aquaculture and fisheries sciences and relate to the production and management of aquaculture facilities, giving a better understanding of 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 li huma tant importanti għall-ekonomija tal-Gżejjer Maltin. L-unitajiet ta' studju jduru madwar ix-xjenzi tal-akkwakultura u s-sajd u jirrigwardaw il-produzzjoni u l-ġestjoni ta' faċilitajiet tal-akkwakultura, biex l-istudenti jkunu jistgħu jifhmu aħjar il-qasam ferm 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.


MQF LEVEL
Level 6


COURSE DURATION
3 Years full-time

180
ECTS

ENTRY REQUIREMENTS

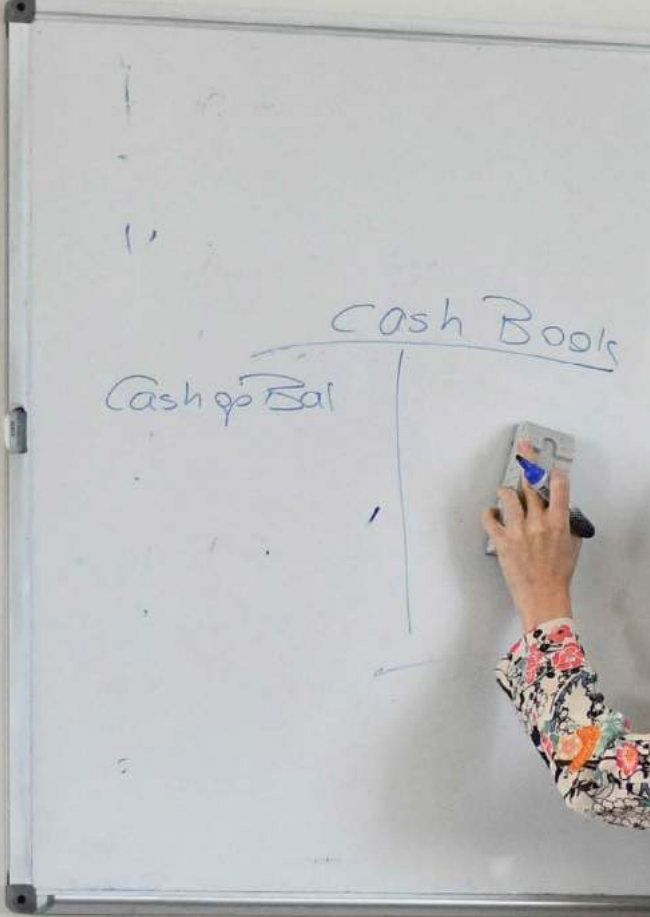
MCAST Advanced Diploma in Animal Management and Veterinary Nursing or MCAST Advanced Diploma in Fish Management or MCAST Advanced Diploma in Horticulture or 2 A-Level passes and 2 I-Level passes

CAREER OPPORTUNITIES

Jobs related to the Aquaculture and Fisheries sectors

MODE

Internship



Institute of
**BUSINESS
MANAGEMENT
& COMMERCE**



Message from the director

Mr ANDREW GALEA



A warm welcome to the Institute of Business Management and Commerce located at the Paola Campus (IBMC)! Our Institute offers several courses ranging from introductory levels to master's levels. We offer courses in accounting, marketing, retail, management, financial services and insurance to procurement and hospitality.

At the entry levels, learners are offered a taste of the different sectors while the courses at a higher level offer more specific and specialised tuition. An integral characteristic of VET is that various study programmes help learners benefit thoroughly from different forms of industry experience. A selected number of study programmes offer the learners various forms of industry experience such as internships and apprenticeships. We make sure that the learning reflects real-life work experience and provides students with the opportunity to work, train, and interact with their future colleagues across different sectors, including finance, retail, management and marketing.

As learners progress to different levels, we aim to help each of them attain a better focus on the career path they would like to embark upon. We are excited to guide you throughout your unique learning journey at IBMC.

Naghtikom merħba fi ħdan l-Istitut tat-Tmexxija tan-Negozju l-Kummerċ li jinsab fil-Kampus ta' Paola il-Ġdid! L-Istitut tagħna joffri diversi korsijiet li jvarjaw minn livelli introduttorji għal livelli ta' masters. Noffru korsijiet fl-accounting, il-kummerċ, il-marketing, il-bejgħ, is-servizzi finanzjarji u tal-assigurazzjoni, l-akkwist u l-ospitalità.

Fil-livelli tad-dhul, l-istudenti jiġu offriti toġhma tas-setturi differenti filwaqt li l-korsijiet f'livell oġhla joffru tagħlim aktar speċifiku u speċjalizzat. Karatteristika integrali tat-taħriġ vokazzjonali hija li diversi programmi ta' studju jgħinu lill-istudenti jibbenefikaw minn esperjenza fl-industrija. Numru ta' programmi ta' studju joffru lill-istudenti diversi forum ta' esperjenza fl-industrija permezz tal-apprendistat. Aħna niżguraw li t-tagħlim jirrifletti l-esperjenza tax-xoġhol fil-ħajja u jipprovi lill-istudenti bl-opportunità li jaħdmu, jitharrġu u jinteraġixxu mal-kollegi futuri tagħhom f'setturi differenti, inklużi l-finanzi, it-tmexxija tan-negozju u l-kummerċ.

Hekk kif l-istudenti jawvanzaw għal-livelli differenti, aħna nimmiraw li ngħinu lil kullhadd jikseb suċċess fil-karriera. Aħna herqana li niggwidawk tul dan il-vjaġġ uniku ta' tagħlim f'dan l-istitut.

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Award in **BASIC OFFICE SKILLS**

COURSE CODE
BC1-02-21

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 jiksibu 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 wiehed ikun jista' jgħib ruħu kif xieraq f'ambjent ta' uffiċċju.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Assistant in office environment



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

30

ECVET

Award in **HOSPITALITY**

COURSE CODE

BC1-03-21

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' ghotja, l-istudenti jibdwew 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 jifhem wkoll l-importanza tal-iġjene fuq il-post tax-xogħol, inkluza 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' manġieri tajbin.



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

30

ECVET

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 a 3-day workshop at MCAST, attendance for which is compulsory) Commitment to prospective employment.

CAREER OPPORTUNITIES

**Assistant in kitchen;
Assistant in restaurant;
Assistant in housekeeping**

Award in **RETAIL**

COURSE CODE
BC1-04-21

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 hwienet żgħira. 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-kuncetti 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.



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

30

ECVET

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 most recent Individual Education Plan (IEP) Adapt to both class-based and community-based learning (to be ascertained through a 3-day workshop at MCAST, attendance for which is compulsory) Commitment to prospective employment;

Sit for an Interview (may be applicable)

CAREER OPPORTUNITIES

**Shop assistant;
Store assistant**

Introductory Certificate in **BUSINESS**

COURSE CODE
BC1-01-21

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 skills units which will help them in their progression towards further studies.

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



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

ENTRY REQUIREMENTS

Finished Compulsory Education;

**Initial Assessment Tests and/or Interview
(as may be applicable)**

CAREER OPPORTUNITIES

**Office assistant;
Shop assistant**

Foundation Certificate in **BUSINESS**

COURSE CODE
BC2-01-21

This programme provides learners with an introduction to business related topics such as Basic Bookkeeping, Human Resources, Marketing, Sales and General 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 jipprovdì lill-istudenti introduzzjoni għal suġġetti relatati man-negozju, bħall-Bookkeeping, ir-Rizorsi Umani, il-Marketing, il-Bejgħ u Kuncetti Ġenerali tan-Negozju. Dawn is-suġġetti differenti huma introdotti f'livell bażiku permezz ta' varjetà ta' metodi ta' taġġim, kif ukoll modi ta' valutazzjoni differenti, bil-għan li jittiehdu inkunsiderazzjoni l-istili differenti ta' kif wiehied jitghallem.



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate;

Initial Assessment Tests (as may be applicable)

CAREER OPPORTUNITIES

Clerical assistant

MODE

Job shadowing

Diploma in BUSINESS

COURSE CODE

BC3-01-21

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-thejjja 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-hiliet tagħhom fl-oqsma tal-kitba u t-taħdit bl-Ingliż u bil-Malti, kif ukoll il-hiliet tagħhom fl-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-Rizorsi 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 flivell aktar avvanzat.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Clerical assistant;
Shop cashier



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Advanced Diploma in BUSINESS ADMINISTRATION

COURSE CODE

BC4-A1-21

This programme will allow learners to study the different areas of business 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, marketing, recruitment, and health and safety 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 tal-amministrazzjoni tan-negozju. Il-kors huwa mmirat lejn studenti li jaspiraw li xi darba jiftihu n-negozju tagħhom jew li jkomplu jmexxu n-negozju tal-familja tagħhom, jew inkella jixtiequ li jaħdmu fl-amministrazzjoni ta' kumpanija mhux flivell għoli. Dan il-kors ġeneriku joffri bażi tajba fl-oqsma ewlenin tal-amministrazzjoni tan-negozju, inklużi l-amministrazzjoni tal-uffiċċju, l-accounts, il-marketing, ir-reklutaġġ, u s-saħħa u s-sigurtà, fost l-oħrajn. Il-kors, li huwa walutat permezz ta' varjetà ta' metodi ta' valutazzjoni relatati max-xenarju, jipprovdi wkoll Apprendistat għall-istudenti biex hekk jiksbu esperjenza Prattika.

ENTRY REQUIREMENTS

MCAST Diploma in Business
or **MCAST Diploma in Postal Services**
or **MCAST Diploma in Foundation Studies for Security, Enforcement and Protection**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: English Language, Mathematics

CAREER OPPORTUNITIES

Clerk;
Administrative assistant;
Human resource assistant;
Front office coordinator;
Purchasing officer;
Field research officer;
Supply chain / Logistics officer

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **FINANCE AND INSURANCE**

COURSE CODE
BC4-A2-21

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 tas-servizzi finanzjarji, inkluż l-assigurazzjoni. Fit-tieni sena tal-kors, l-istudenti jagħzlu 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 jjeħdu 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 jjeħdu għarfien aktar fil-fond fis-settur tal-għażla tagħhom filwaqt li jkollhom għarfien adegwat fis-setturi l-oħra.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

In an Insurance setting:
Account handler;
Claims handler;
Insurance claims surveyor;
Insurance clerk

In a Financial Services setting:
Bank cashier;
Clerical and other officer roles
within banks and other financial
services institutions

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in ACCOUNTING

COURSE CODE

BC4-A3-21

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 not be qualified accountants, but will have a very good understanding and possess the required skills to work in an accounts department. Learners following this programme will also be prepared to sit for AAT (Association of Accounting Technicians) UK International Examinations.

Dan il-programm għandu l-għan li jipprovdi lill-istudenti bażi tajba ta' hafna fl-istudju tal-Accounts. L-oqsma tal-istudju jinkludu l-aspetti differenti ta' accounting finanzjarju u ta' mmanigġjar, l-użu ta' softwer tal-accounting, kif ukoll oqsma aktar ġenerici ta' hliet ewlenin. Il-kors għandu livell għoli ta' esperjenza prattika permezz ta' Apprendistat, fejn l-istudenti mhux biss jitgħallmu permezz tal-prattika, iżda anke jesperjenzaw l-applikazzjoni diretta tat-teorija li jkun qad jitgħallmu fil-klassi. Għalkemm l-istudenti li jlestu l-kors ma jkunux accountant kwalifikati b'mod sħiħ, żgur se jkollhom fehim tajjeb ta' hafna, flimkien mal-hliet meħtieġa biex jaħdmu f'dipartiment tal-accounts. L-istudenti li jsegwu dan il-programm se jithejjew ukoll biex jagħmlu l-Eżamijiet Internazzjonali tal-AAT (Association of Accounting Technicians) UK.

ENTRY REQUIREMENTS

MCAST Diploma in Business or MCAST Diploma in Postal Services or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: English Language, Mathematics

CAREER OPPORTUNITIES

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

MODE

Apprenticeship

FEES

There are AAT fees payable to AAT (UK) for Membership and Examinations leading to Qualification Certificates awarded by AAT (UK).

MIŻATI

Hemm miżati tal-AAT li għandhom jithallsu lill-AAT (UK) għal Shubja u Eżamijiet li jwasslu għal Certifikati ta' Kwalifika mogħtja minn AAT (UK).



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **MARKETING**

COURSE CODE
BC4-A5-21

This programme is aimed at giving learners the knowledge and knowhow of the main areas related to the different areas of marketing. They will go into the areas of Marketing, Sales, Advertising, Public Relations and Customer Care 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-oqsma ewlenin relatati mal-oqsma differenti tal-marketing. L-istudenti se jidhlu f'certu dettall fl-oqsma tal-Marketing, il-Bejgħ, ir-Reklamar, ir-Relazzjonijiet Pubblici u l-Assistenza tal-Klijenti. Il-hiliet f'dawn l-oqsma differenti jwasslu lill-istudent sabiex ikun kapaċi jaħdem f'oqsma differenti tal-marketing. Permezz tal-Apprendistat, l-istudent se jkollu wkoll l-opportunità li japplika fl-prattika t-teorija li jkun tghallem fl-klassi.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Business
or **MCAST Diploma in Postal Services**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: English Language Preferred: Maltese

CAREER OPPORTUNITIES

Brand/sales executive;
Customer care coordinator;
Marketing assistant, Media officer;
Public relations officer;
Sales representative;
Selling and sales coordinator

MODE

Apprenticeship

Advanced Diploma in ADMINISTRATIVE AND SECRETARIAL STUDIES

COURSE CODE
BC4-A6-21

This programme is designed to enable learners to understand the key areas of administration, administrative services, office equipment and supplies, routine procedures, standards and the work environment. It is also designed to provide learners with the possibility of opting to delve deeper into one of two specific areas, namely Medical Secretaries and Legal Secretaries, as well as the application of Italian and French within a business related usage. The programme of studies has a very high level of hands-on experience through Apprenticeship, where learners will not only be learning by doing, but will also experience firsthand the application of the theory they would be learning in class.

Dan il-programm huwa mfassal biex jghin lill-istudenti jifhmu l-oqsmawlenin tal-amministrazzjoni, is-servizzi amministrattivi, it-tagħmir u l-provisti tal-amministrazzjoni, il-proċeduri ta' rutina, l-istandards u l-ambjent tax-xogħol. Huwa mfassal ukoll biex jipprovdi lill-istudenti l-possibbiltà li jagħzlu li jidhlu aktar fil-fond f'wieħed minn żewġ oqsmaspeċifiċi, jiġifieri Segretarji Medici u Segretarji Legali, kif ukoll l-applikazzjoni tat-Taljan u l-Franċiż f'kuntest relatat man-negozju. Il-programm ta' studji għandu livell għoli ta' esperjenza prattika permezz tal-Apprendistat, fejn l-istudenti mhux biss jitgħallmu permezz tal-prattika, iżda anke jesperjenzaw l-applikazzjoni diretta tat-teorija li jkunqu qed jitgħallmu fil-klassi.

ENTRY REQUIREMENTS

MCAST Diploma in Business or MCAST Diploma in Postal Services or 4 SEC/O-Level/SSC&P (Level 3) passes Compulsory: Maltese and English Language Preferred: Mathematics Students opting for the Medical Stream need to be in possession of a: **MCAST Diploma in Health and Social Care with at least 4 units at Grade B or better or 4 SEC/O-Level/SSC&P (Level 3) passes Compulsory: Maltese, English Language and One subject from Chemistry, Physics, Biology Preferred: Mathematics**

CAREER OPPORTUNITIES

**Secretary;
Office administrator;
Clerk;
Personal assistant**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET



Advanced Diploma in **RETAIL**

COURSE CODE

BC4-A7-21

Learners will be exposed to the different aspects and career opportunities related to retail including front line, logistics, purchasing, retail operations and visual merchandising as an example. The retail industry in Malta is one of the largest industries and offers career opportunities with both local as well as international chains. Learners will be covering all aspects of the retail environment including Stock Presentation, Customer Care, Buying, Visual Merchandising and Consumer Behaviour. Throughout this course, which is on Apprenticeship, learners will be studying on a dual system whereby they will have days at school, and days out working in industry.

L-istudenti ha jkunu esposti għal aspetti differenti u opportunitajiet ta' karrieri relatati mal-industrija tal-bejgħ għall-konsumatur. Bħala eżempju, dawn jinkludu l-ewwel kuntatt, il-logjistika, ix-xiri, l-operat u l-kummerċjalizzazzjoni viżwali. Is-settur tal-bejgħ f'Malta huwa wieħed mill-ikbar industrij u joffri opportunitajiet ta' xogħol ma' aġzendi lokali jew internazzjonali. L-istudenti ha jkunu qed jistudjaw l-aspetti kollha li jinkludu l-Preżentazzjoni tal-Istokk, l-Assistenza ta' Klijenti, ix-Xiri, il-Kummerċjalizzazzjoni Viżiva u l-Imġiba tal-Konsumaturi. Matul dan il-kors, li qed jiġi offrut fuq bażi ta' Apprendistat, l-istudenti ha jistudjaw b'sistema 'dual' fejn iqtattgħu granet l-iskola u oħrajn fuq il-post tax-xogħol.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Shop supervisor;
Visual merchandiser

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Higher Diploma for **ACCOUNTING TECHNICIANS**

COURSE CODE
BC5-01-21

This course builds upon the MCAST Higher Diploma in Accounting and offers learners the possibility to become members of the Association of Accounting Technicians (UK). During this programme, the learners will continue to broaden and deepen their studies in the different areas of accounting including Financial and Management Accounting as well as Management and Business Law. Learners who successfully complete the AAT (UK) Advanced Diploma in Accounting as well as the AAT (UK) Professional Diploma in Accounting, are entitled to exemptions from the ACCA qualification (F1, F2, F3). Following the successful completion of related study-units, learners will also be eligible to register for further exemptions, namely F4 and F5.

Dan il-kors jibni fuq l-MCAST Higher Diploma in Accounting u joffri lill-istudenti l-possibbiltà li jsiru membri tal-Association of Accounting Technicians (UK). Matul dan il-programm, l-istudenti jkomplu jwessgħu u jsaħħu l-istudji tagħhom fl-oqsma differenti tal-accounting, inkluż l-Accounting Finanzjarju u ta' Mmaniġġjar, kif ukoll il-Liġi dwar il-Maniġment u n-Negożju. L-istudenti li jlestu b'suċċess l-AAT (UK) Advanced Diploma in Accounting, kif ukoll l-AAT (UK) Professional Diploma in Accounting, ikunu intitolati għal eżenzjonijiet mill-kwalifika tal-ACCA (F1, F2, F3). Studenti li jkunu lestew b'suċċess unitajiet ta' studju relatati, ikunu eliġibbli wkoll li jirregistraw għal aktar eżenzjonijiet, jiġifieri F4 u F5.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Accounting

CAREER OPPORTUNITIES

**Accounts administrator;
Accounts executive;
Accounting technician;
Audit assistant;
Credit management officer;
Senior accounts clerk**

MODE

Internship



MQF LEVEL
Level 5



COURSE DURATION
2 Years full-time

120

ECTS

Bachelor of Arts (Honours) in **BUSINESS ENTERPRISE**

COURSE CODE

BC6-01-21

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 on the workplace as graduates would be able to deal with a wide range of responsibilities.

Dan il-bacellerat jipprovidi 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-Immaniġġjar tal-Operazzjonijiet, 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 jaqti lill-istudenti flessibbiltà massima fuq il-post tax-xogħol, billi l-gradwati jkunu jistgħu jidhlu għal firxa wiesgħa ta' responsabbiltajiet.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Business development manager;
Human resources manager;
Operations manager;
Project manager;
Research manager;
Analyst

MODE

Internship

Bachelor of Science (Honours) in **FINANCIAL SERVICES MANAGEMENT**

COURSE CODE
BC6-02-21

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 jkisu għarfien dettaljat tad-diversi aspetti tas-servizzi finanzjarji, industrija li toffri firxa ta' opportunitajiet ta' karriera li jvarjaw mill-Gestjoni tar-Riskju sal-Amministrazzjoni tal-Fondi u l-Immaniġġjar tal-Ġid. Minbarra l-aspetti aktar tekniċi relatati mas-servizzi finanzjarji, l-istudenti jkisu wkoll il-hiliet analitiċi, kritiċi u ta' riċerka meħtieġa biex jaħdmu f'industrija ta' profil għoli u eżiġenti bħal din. L-istudenti li jiggradaw minn dan il-kors isibu ruħhom f'pożizzjoni b'saħħitha hafna fir-rigward ta' impjeg, billi jkunu kisbu l-hiliet biex jaħdmu f'setturi differenti f'din l-industrija.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

**MCAST Advanced Diploma in Financial Services
or 2 A-Level passes and 2 I-Level passes
Compulsory A-Levels: Accounts and Economics**

CAREER OPPORTUNITIES

**Banking adviser;
Compliance executive;
Financial adviser;
Analyst;
Risk management fund administrator**

MODE

Internship

Bachelor of Arts (Honours) in **PROCUREMENT AND FINANCE**

COURSE CODE

BC6-03-21

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 jwassa għall-baċċerjat huwa maħsub biex jipprovdi lill-istudenti bazi b'saħħitha 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-Maniġment 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 dinamik.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

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

Applicants with similar qualifications may still show their interest in applying for this course. Such applications will be presented to the Admissions Board for its consideration.

CAREER OPPORTUNITIES

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

MODE

Internship

ACCA

Qualification

COURSE CODE
BC7-01-21

An ACCA Qualification is a path that leads to becoming an internationally recognised Chartered Certified Accountant, and can take your career in any direction. It is a rewarding and intense course with a number of Professional Courses which allows the students to have a rigorous qualification that is accepted across the globe. The ACCA course is the perfect choice for a career in accountancy and the perfect milestone on anyone's route to become a qualified finance professional. The programme provides different exit routes at Level 6 and at Level 7.

Kwalifika tal-ACCA twasslek biex issir Chartered Certified Accountant rikonoxxut fuq livell internazzjonali. Biha tista' tizviluppa l-karriera tiegħek fi kwalunkwe direzzjoni. Huwa kors intensiv li jagħti hafna sodisfazzjon, b'għadd ta' Korsijiet Profjessjonali li jwasslu biex l-istudenti jakkwistaw kwalifika rigoruża li hija aċċettata madwar id-dinja. Il-kors tal-ACCA huwa l-għażla perfetta għal min jixtieq karriera fl-Accountancy u stadju importanti perfett fit-triq ta' kull min jixtieq isir profjessjonist finanzjarju kwalifikat. Il-programm jipprovdi rotot ta' hruġ differenti fil-Livell 6 u fil-Livell 7.



MQF LEVEL
Level 6/7



COURSE DURATION
4 Years full-time

202

ECTS

ENTRY REQUIREMENTS

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

Learners incur fees payable to ACCA, for any membership and examinations, and MIA (Malta Institute of Accountants) membership
L-istudenti jhallsu l-mizati lill-ACCA għal kwalunkwe shubija u ezamijiet, kif ukoll shubija fl-MIA (Malta Institute of Accountants)

CAREER OPPORTUNITIES

**Accountant;
Financial controller;
Financial analyst;
Business analyst;
Corporate finance specialist;
Project finance accountant**

MODE

Work experience



Institute of
**COMMUNITY
SERVICES**



Message from the director

Ms ANN MARIE CASSAR



Welcome to the Institute of Community Services (ICS) – the heart of the community. The courses offered at ICS carry the responsibility of ensuring a better quality of life for the vulnerable members of society; these constitute children, youths, the elderly, service users, etc. We offer courses in sports, health and social care, early years, beauty, hairdressing, inclusive education and protection, security and enforcement.

ICS prides itself in collaborating closely with industry. This mantra permeates the planning and delivery of courses within the Institute. The lecturers who deliver the courses hail from industry. Our programmes all have an element of industry experience, mainly through organised placements, to consolidate learning. This ensures that the lecturing provision reflects industry requirements. It follows that graduating students make the leap into employment seamlessly.

We believe that positive learning and hands-on practical experiences ensure that we can effectively assist in shaping a workforce with community services at heart.

Merħba fl-Istitut tas-Servizzi fil-Komunità - il-qalba tal-komunità. Il-korsijiet offruti fl-ICS għandhom ir-responsabbiltà li jiżguraw kwalità ta' ħajja aħjar għall-membri vulnerabbli tas-soċjetà; dawn jinkludu tfal, iżgħażaġħ, anzjani, utenti tas-servizz, eċċ. Noffru korsijiet fl-isport, is-saħħa u l-kura soċjali, is-snin bikrin, is-sbuħija, il-hairdressing, l-dukazzjoni inklużiva u l-protezzjoni, is-sigurtà u l-infurzar.

L-ICS jikkollabora mill-qrib mal-industrija. Din il-mantra tidhol fl-ippjanar u fl-korsijiet kollha fl-Istitut. Il-letturi li jagħtu l-korsijiet ġejjin mill-industrija. Il-programmi tagħna għandhom element ta' esperjenza fl-industrija, l-aktar permezz ta' placements, biex jikkonsolidaw it-tagħlim. Dan jiżgura li t-tagħlim jirrifletti l-ħtiġijiet tal-industrija u li l-istudenti gradwati jagħmlu l-qabza għall-impjeg bla xkiel.

Aħna nemmu li tagħlim pożittiv u esperjenzi prattiċi jiżguraw li nistgħu ngħinu b'mod effettiv biex nibnu d-dinja tax-xogħol fejn il-komunità qeda fiċ-ċentru.

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Introductory Certificate in **CARE**

COURSE CODE
CS1-01-21

This programme of study is an ideal start to a career in Health and Social Care 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 specification will help the learner to progress slowly to higher levels of study. The course includes both practical and theoretical lectures which cover the basics of health and social care including basic nutrition, first aid and interpersonal communication with service-users that projects respect, integrity, dignity, and anti-discrimination.

Dan il-programm ta' studju huwa l-bidu ideali għal karriera fis-Saħħa u l-Kura Soċjali għal dawk l-istudenti li jkunu għadhom kemm lestew l-edukazzjoni obbligatorja tagħhom bi f'it 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-filiet ewlenin li jiffurmaw l-ispeċifikazzjoni tal-kors iwasslu lill-istudent biex jawnanza bil-mod għal livelli oġġla ta' studju. Il-kors jinkludi lezzjonijiet prattiċi kif ukoll ta' teorija li jkopru l-elementi bażiċi tas-saħħa u l-kura soċjali, inklużi n-nutrizzjoni bażika, l-ewwel għajnuna u l-komunikazzjoni ma' dawk li jużaw is-servizzi, li tkun tirrifletti r-rispett, l-integrità, id-dinjità u n-nuqqas ta' diskriminazzjoni.

ENTRY REQUIREMENTS

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



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Introductory Certificate in **HAIRDRESSING**

COURSE CODE
CS1-02-21

This programme of study introduces the learner to modules related to this sector. A number of interesting topics will be discussed. Examples include the different types of equipment and products typically found in hairdressing salons, customer care services, communication skills, professional attitudes, window-dressing, personal appearance and hygiene. The study-units incorporate theoretical aspects of hairdressing as well as practical sessions of basic hairdressing procedures using a mannequin head. Learners are also given the opportunity to strengthen their key skills subjects. Weekly lessons in English Language, Maltese, Mathematics, Science, Information Technology and Individual and Social Responsibility (ISR) are delivered in a manner that will help to render the vocational units more appealing and relevant to the students.

Dan il-programm ta' studju jintroduci lill-istudent għal suġġetti relatati ma' dan is-settur. Eżempji jinkludu t-tipi differenti ta' tagħmir u prodotti li normalment insibu f'salons tal-hairdressing, is-servizzi tal-kura tal-klijenti, il-hiliet ta' komunikazzjoni, l-attitudnijiet personali, l-arranġament tal-vevtrini tas-salon, id-dehra u l-iġjene personali. L-unitajiet ta' studju jinkorporaw aspetti teoretici tal-hairdressing, kif ukoll sessjonijiet prattici dwar il-proċeduri bażiċi tal-hairdressing fejn tintuza ras ta' manikin. L-istudenti jingħataw ukoll l-opportunità li jsaħħu s-suġġetti tal-hiliet ewlenin tagħhom. Il-lezzjonijiet ta' kull ġimgħa fl-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknoloġija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali (ISR) jingħataw b'mod li jgħinu biex l-unitajiet vokazzjonali jkunu aktar attraenti u rilevanti għall-istudenti.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in **CARE**

COURSE CODE
CS2-01-21

This programme of study is aimed at those individuals who wish to embark on a future career in the Health and Social Care sector. During the year the learners will have a variety of lectures which will give them an understanding of basic concepts related to this sector. Lectures will focus on human behaviour, the way the body works and what constitutes a safe working environment. Learners will also be given the opportunity to strengthen their key skills subjects including Maltese, English, Mathematics and Science through the vocational perspective. Learners will have the opportunity to visit organisations related to this sector so that they become accustomed to the environment.

Dan il-programm ta' studju full-time huwa mmirat lejn dawk l-individwi li fl-futur jixtiequ jibdew karriera fis-settur tas-Saħħa u l-Kura Soċjali. Matul is-sena, l-istudenti jkollhom varjetà ta' lezzjonijiet li jagħtuhom tagħrif dwar il-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 s-sugġetti tal-ħiliet ewlenin tagħhom, inklużi l-Malti, l-Ingliż, il-Matematika u x-Xjenza mil-lat vokazzjonali. L-istudenti jkollhom l-opportunità li jżuru organizzazzjonijiet relatati ma' dan is-settur sabiex isiru familjari mal-ambjent. Fl-aħħar ta' dan il-kors ta' sena, l-istudenti jkollhom l-opportunità li jawwanzaw għal-livell ta' Diploma fl-istess settur.

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Foundation Certificate in HAIRDRESSING, BEAUTY AND WELL-BEING

COURSE CODE

CS2-02-21

This programme of study provides an overview of the different routes available to learners within the Institute of Community Services, whilst leaving all their options open. The modules on offer provide learners with basic knowledge in health and safety practices employed during beauty and hairdressing techniques and procedures. 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 quality work experience exposure where they will be expected to assist and carry out a range of assigned tasks, using approved models. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm ta' studju jipprovdi harsa ġenerali lejn it-toroq differenti li huma disponibbli għall-istudenti fl-Istitut tas-Servizzi Komunitarji, filwaqt li jhallilhom miftuħa l-għażliet kollha. L-unitajiet offruti jipprovdu lill-istudenti b'għarfien bażiku tal-prattici tas-saħħa u s-sigurtà użati fit-teknika u l-proċeduri tas-sbuħija u l-hairdressing. Unitajiet oħra jiffokaw fuq l-għarfien tal-kunċetti xjentifiċi bażiċi relatati mas-servizzi u t-trattamenti kollha tax-xagħar u tas-sbuħija; u jintroduċu wkoll lill-istudenti għall-kunċetti bażiċi tan-negożju. Il-kors jesponi lill-istudenti għal esperjenza ta' xogħol ta' kwalità fejn ikunu mistennija jużaw mudelli approvati biex jassistu u jwettqu firxa ta' xogħlijiet assenjati lilhom. L-istudenti huma meħtieġa jixtru l-aċċessorji neċessarji tal-hairdressing u tas-sbuħija fil-bidu tas-sena akkademika.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET



Foundation Certificate in SPORT

COURSE CODE
CS2-03-21

This programme of studies serves as a stepping stone to a future working career in the sport sector. The learner experiences the practical and basic theoretical components of a number of sports and fitness related subjects. The vocational studyunits cover the basics of health and active lifestyles, community sports, fitness training methods and include an introduction to gym-based exercise. Concurrently, learners strengthen their knowledge of the key skills in English, Maltese, Mathematics, Science, Information Technology, and Individual and Social Responsibility. Throughout the academic year, MCAST and the Institute of Community Services organise a number of sport related extra-curricular activities in which the learners will be invited to participate in order to enrich their experience on campus.

Dan il-programm ta' studju jservi bhala pass lejn karriera ta' xogħol futura fis-settur tal-isport. L-istudent jesperjenza l-komponenti teoretiċi prattiċi u bażiċi ta' 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, il-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 fl-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknoloġija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali. Matul is-sena akkademika, l-MCAST u l-Istitut tas-Servizzi Komunitarji jorganizzaw għadd ta' attivitajiet ekstrakurrikulari relatati mal-isport li fihom l-istudenti jkunu mistiedna jipparteċipaw sabiex l-esperjenza tagħhom fil-kampus tkun ferm isbaħ.

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate;

Initial Assessment Tests (as may be applicable);

Medical clearance required



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma for BEAUTY SPECIALISTS

COURSE CODE
CS3-01-21

This programme of study offers learners the possibility to seek employment in salons as Beauty Specialists. Alternatively, students 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 guided on how to develop and carry out individual treatment plans based on the specific requirements of each individual client. Treatments 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.

Dan il-programm ta' studju joffri lill-istudenti l-possibbiltà li jfittxu impjeg fis-salons bhala Speċjalisti tas-Sbuħija. Min-naħa l-oħra, l-istudenti li jtemmu dan il-kors b'suċċess jistgħu jikkunsidraw li jkomplu l-istudji tagħhom billi jidhlu għall-Advanced Diploma in Beauty and Complementary Therapies (Livell 4). L-istudenti jingħataw gwida dwar kif għandhom iwettqu trattamenti individwali mfassla għal kull klijent individwali. Dawn it-trattamenti jistgħu jinkludu trattamenti għall-kura tal-gilda, tal-idejn u tas-saqajn, depilazzjoni, il-kura tad-dwiefer, servizzi ta' make-up u trattamenti tax-xagħar tal-ghajnejn u tal-ħuġbejn. Unitajiet oħra jirrigwardjaw prattici tas-saħħa u s-sigurtà fis-salon u aspetti tan-negozju inklużi pjanijiet tan-negozju, ħiliet ta' komunikazzjoni effettiva u mgħiba tajba mal-klijenti.

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or 2 SEC/O-Level/SSC&P (Level 3) passes
**Preferred: English Language, Biology, Chemistry,
Home Economics, Art**

CAREER OPPORTUNITIES

Beauty specialist

MODE

Work placement



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

63

ECVET

Diploma in HEALTH AND SOCIAL CARE

COURSE CODE
CS3-03-21

Prospective candidates who enrol in this course should have an interest in working with elderly persons and persons with different abilities. Lectures include a number of varied topics such as nutrition, equality, diversity, dignity and rights of individuals. Moreover, this programme of study provides a route for education within a number of specialised areas such as the Social Care sector, Early Years Education, and Health Sciences. The programme offers an opportunity for learners to carry out work-based learning in two different host organisations which form part of 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 individwi b'kapaċitajiet differenti. Il-lezzjonijiet jinkludu għadd ta' suġġetti varjati bħan-nutrizzjoni, l-ugwaljanza, id-diversità, id-dinjità u d-drittijiet tal-individwi. Barra minn hekk, dan il-programm ta' studju jwitti t-triq għal edukazzjoni f'għadd ta' oqsma speċjalizzati bħas-settur tal-Kura Soċjali, l-Edukazzjoni tat-Tfal fis-Snin Bikrin, u x-Xjenzi tas-Saħħa. Il-programm joffri opportunità biex l-istudenti jirċievu taġħlim ibbażat fil-post tax-xogħol, f'organizzazzjonijiet ospitanti differenti li jiffurmaw parti mis-settur. Hawnhekk ikunu mistennji jwettqu, taħt superviżjoni, ix-xogħol li huma jiġu assenjati. Fil-każ ta' studenti li ma jixtiqux ikomplu l-istudju tagħhom, dan il-programm ta' sena jipprovdni punt ta' hrug xieraq biex wieħed isib impjeg bħala haddiem ta' appoġġ jew assistent fil-qasam tal-kura tas-saħħa.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes Preferred: English Language, Biology, Physics, Chemistry, Maltese, Social Studies, Nutrition, Food Consumer Studies (Home Economics);

Prior to embarking on any Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean police conduct.

CAREER OPPORTUNITIES

**Care worker;
Care assistant;
Support care worker**

MODE

Work placement

Diploma in SPORT

COURSE CODE
CS3-04-21

This programme of study 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' studju jkopri l-elementi bażiċi tal-Anatomija u l-Fiżjoloġija fl-Ispport, l-Ittestjar tal-Kundizzjoni Fizika Tajba, l-Istruzzjoni għal Kundizzjoni Fizika Tajba, il-Metodoloġija Fundamentali tal-Attività Fizika u l-Ispport, kif ukoll it-teorija u l-prattika tal-ispport l-iktar komuni. Is-sillabu jinkludi komponent ta' taġħlim fil-post tax-xogħol li jiffaċilita t-tranzizzjoni f'impjeg għal dawk l-istudenti li ma jixtix ikompli jistudjaw. 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-ispport li huma organizzati fil-kampus minn żmien għal żmien.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or **2 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: English Language, Biology, Physical Education;

Medical clearance is required

CAREER OPPORTUNITIES

Assistant fitness instructor;
Sports fundamentals assistant coach;
Gym instructor

MODE

Work placement

Diploma in HAIRDRESSING - WOMEN

COURSE CODE
CS3-A2-21

Hairdressing is a creative industry which requires skilled technical stylists to cope with the customers' demands. In today's fast-moving world self-image is your brand. This programme of study provides the learners with the skills and confidence to step on to the road to success; indeed, the opportunities are endless. Learners cover a variety of interesting study-units such as client consultation, hair styling for different occasions, hair colouring, perming and straightening. This includes experience in the Institute of Community Services salons as well as placements in industry as part of the Apprenticeship scheme. Learners will also further develop their knowledge in key skills.

Il-hairdressing huwa industrija kreattiva li tirrikjedi stilisti teknici kwalifikati biex ilaħhqu mad-domanda tal-klijenti. Fid-dinja mgħaġġla tal-lum, l-immagħni tal-persuna tiddefniha. Dan il-programm ta' studju jipprova lill-istudenti bil-ħiliet u l-kunfidenza biex jibdew it-triq għas-success; fil-fatt l-opportunitajiet huma bla limitu. L-istudenti jkopru varjetà ta' unitajiet ta' studju bħal konsultazzjoni mal-klijenti, l-issettjar tax-xagħar għal okkazzjonijiet differenti, iż-żebgħa, l-ipperrmjar u l-illixxjar tax-xagħar. Dan jinkludi esperjenza fis-salons tal-Istitut tas-Servizzi Komunitarji, kif ukoll esperjenza ta' xogħol fl-industrija bħala parti mill-iskema tal-Apprendistat. L-istudenti jkomplu wkoll jizviluppaw l-għarfien tagħhom f'ħiliet ewlenin.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes
Preferred: English Language, Biology, Chemistry, Physics, Home Economics, General Science, Art

CAREER OPPORTUNITIES

Junior hair stylist for women;
Sales representative for hair products

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Extended Diploma in **FOUNDATION STUDIES FOR SECURITY, ENFORCEMENT AND PROTECTION**

COURSE CODE
CS3-05-21

This programme of study is gaining a lot of popularity with learners who intend to seek future employment within the Academy for 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 hafna popolarità mal-istudenti li għandhom l-intenzjoni li fl-futur isibu impjeg fl-Akkademja għal 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 jittrottaw ukoll sugġetti 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 joħorġu minn dan il-kors wara li jlestu b'suċċess l-ewwel sena tal-istudji tagħhom. F'dan il-każ, ikunu eliġibbli biex jiksbu Diploma in Foundation Studies for Security, Enforcement and Protection tal-Livell 3.



MQF LEVEL
Level 3



COURSE DURATION
2 Years full-time

90

ECVET

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

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

Advanced Diploma in BEAUTY AND COMPLEMENTARY THERAPIES

COURSE CODE
CS4-01-21

This programme is made up of study-units intended to equip learners with the knowledge to provide treatments for the purpose of relaxation and stress relief as well as to improve the condition of the skin. Learners will have the opportunity to perform practical tasks during hands-on sessions within the MCAST salons. There will also be work placement periods within established salons and spas. Study-units during the second year of studies include alternative therapies such as reflexology, stone therapy and aromatherapy. 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 Beauty Therapy. This award will enable them to work in the industry as beauty therapists.

*Dan il-programm huwa magħmul minn unitajiet ta' studju maħsuba biex jagħtu lill-istudenti l-għarfien biex jipprovdu trattamenti għall-**f**inijiet ta' rilassament u serħan mill-istress, kif ukoll biex itejbu l-kundizzjoni tal-**g**ilda. L-istudenti jkollhom l-opportunità li jwettqu xogħlijiet prattiċi matul sessjonijiet prattiċi fis-salons tal-MCAST. Ikun hemm ukoll perjodi ta' esperjenza ta' xogħol f'salons u spas stabbiliti. L-unitajiet ta' studju matul it-tieni sena tal-istudju jinkludu terapiji alternattivi bħal reflexology, stone therapy u aromatherapy. L-istudenti li jtemmu l-ewwel sena akkademika b'suċċess ikollhom l-għażla li jjeqfu mill-istudju tagħhom u jingħataw l-MCAST Award in Beauty Therapy. Permezz ta' din l-għotja, huma jkunu jistgħu jaħdmu fl-industrija bħala terapisti tas-sbuħija.*

ENTRY REQUIREMENTS

**ITEC Diploma for Beauty Specialists
or MCAST Diploma for Beauty Specialists**

CAREER OPPORTUNITIES

Beauty therapist

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **HEALTH AND SOCIAL CARE**

COURSE CODE
CS4-02-21

This is a two-Year full-time programme during which the learner becomes better acquainted with the specialised services offered by different agencies and organisations in the care sector. This programme of study is ideal for those prospective candidates who derive a lot of personal satisfaction from helping others. Lectures deal with sociological and psychological perspectives, legislation, communication skills and human biology. Lecturers will present scenarios which are dynamic and thought-provoking, and learners are prepared to work in challenging environments dealing with vulnerable individuals. A work-based learning component is included in the framework of this programme. Learners who successfully graduate from this programme of study are very much in demand and all manage to find immediate employment in the sector.

Dan huwa programm full-time ta' sentejn li matulu l-istudent isir aktar familjari mas-servizzi speċjalizzati offruti minn aġenziji u organizzazzjonijiet differenti fis-settur tal-kura. Dan il-programm ta' studju huwa ideali għal dawk il-kandidati prospettivi li jksbu sodisfazzjon personali meta jgħinu lill-oħrajn. Il-lezzjonijiet jitrattaw perspettivi soċjoloġiċi u psikoloġiċi, il-legiżlazzjoni, il-filiet tal-komunikazzjoni u l-bijoloġija tal-bniedem. L-għalliema jipprezentaw xenarji li huma dinamici u li jgħiegħlu lill-istudenti jaħsbu, u l-istudenti jithejjew biex jaħdmu f'ambjenti ta' sfida ma' individwi vulnerabbli. Komponent ta' taġħlim ibbażat fuq ix-xogħol huwa inkluz fil-qafas ta' dan il-programm. L-istudenti li jiggradwaw b'suċċess minn dan il-programm ta' studju huma meħtieġa ferm u kollha jirnexxilhom isibu impjeg fis-settur immedjatament.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Health and Social Care
or **MCAST Diploma in Applied Science**
or **MCAST Diploma in Sport**
or **MCAST Diploma in Foundation Studies for Security, Enforcement and Protection***
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: Health and Social Care, English Language, Maltese, Ethics, Social Studies, Home Economics, Biology

* Prior to embarking on any Placement, learners need to present a clean police conduct.

CAREER OPPORTUNITIES

Social support worker

MODE

Work placement

Advanced Diploma in **SPORT** (Development, Coaching and Fitness)

COURSE CODE
CS4-03-21

This is a full-time programme with a strong emphasis on work-based learning. The course looks into coaching, fitness and sports development, as well as modules relating to sports injury and sports as a business venture. Placement experience provided throughout the course further strengthens these abilities. During the two years of study, the learner will be exposed to an array of practical and theoretical modules related to the sector.

Dan huwa programm full-time b'enfasi qawwija fuq it-tagħlim waqt esperjenzi fil-post tax-xogħol. Il-kors jitratta l-ikkowċjar, il-fitness 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 ssaħħah il-kapaċità tal-istudent f'dawn l-oqsma. Matul is-sentejn ta' studju, l-istudent jiltaqa' ma' firxa ta' unitajiet prattiċi u teoretiċi relatati mas-settur.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Sport or **MCAST Diploma in Applied Science** or **MCAST Diploma in Health and Social Care** or **MCAST Extended Diploma in Foundation Studies for Security, Enforcement and Protection** or **4 SEC/O-Level/SSC&P (Level 3)** passes
Preferred: Physical Education, English Language, Biology;

Medical clearance required

CAREER OPPORTUNITIES

Fitness instructor;
Fitness coach;
Gym instructor/coach;
Sport fundamentals coach;
Sport development officer;
Sport activity organiser

MODE

Work placement



Advanced Diploma in CHILDREN'S CARE, LEARNING AND DEVELOPMENT

COURSE CODE
CS4-04-21

This programme of study provides major emphasis on the practical components which form an integral part of the programme. Learners are taught how to observe babies and toddlers in an early years' environment, to be able to help each child reach his or her maximum potential. Innovative methods are used to plan activities for children in a childcare setting. Other topics include the safeguarding and promotion of children's rights and the creation of a safe and engaging environment where positive development can take place. 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. This award will enable them to work as child care practitioners.

Dan il-programm ta' studju jagħti importanza kbira lill-komponenti prattiċi li jiffurmaw parti integrali tal-programm. L-istudenti jiġu mgħallma kif josservaw lit-trabi u t-tfal iż-żgħir f'ambjent ta' snin bikrija, biex ikunu jistgħu jgħinu lit-tfal jilhq u l-potenzjal massimu tagħhom. Jintużaw metodi innovattivi biex jiġu pjanati attivitajiet għal tfal f'ambjent ta' kura tat-tfal. Lezzjonijiet oħra jinkludu suġġetti dwar it-tħaris u l-promozzjoni tad-drittijiet tat-tfal u l-ħolqien ta' ambjent sikur u motivanti fejn jista' jseħħ żvilupp pozittiv. L-istudenti li jtemmu l-ewwel sena akkademika b'suċċess ikollhom l-għażla li ma jkomplu l-istudji tagħhom, u jingħataw l-MCAST Award in Children's Care, Learning and Development. Permezz ta' din l-għotja, huma jkunu jistgħu jaħdmu bħala prattikanti fil-qasam tal-kura tat-tfal.

ENTRY REQUIREMENTS

MCAST Diploma in Health and Social Care or MCAST Diploma in Sport or MCAST Diploma in Performing Arts or MCAST Diploma in Art and Design or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: English Language, Maltese, Mathematics

Prior to embarking on any Placement, learners need to:

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

CAREER OPPORTUNITIES

Child care practitioner

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in HAIRDRESSING

COURSE CODE
CS4-05-21

This course provides greater insight into professional hairdressing and better understanding of the requirements when working in the field of hairdressing as a salon owner. 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, cutting and styling. This course equips learners with the knowledge and skills to provide a complete hair service to clients. Learners are given ample opportunity for practice within the modules through hands on practical sessions and professional salon experience. The course also equips learners with competences required to manage a professional hairdressing salon including knowledge in areas such as human resources management, legislation, basic accounting and marketing concepts. The MCAST Advanced Diploma in Hairdressing also ventures into men's haircutting and barbering.

Dan il-kors jipprovdi għarfien akbar dwar il-linja tal-hairdressing f'livell professjonali u fehim aħjar tar-rekwiziti biex persuna taħdem fil-qasam tal-hairdressing bħala sid ta' salon. Il-kors huwa mmirat għal studenti li jkunu kisbu ċ-ċertifikati fil-ħiliet bażiċi tal-hairdressing u jixtiequ jkomplu jistudjaw tekniki aktar avvanzati bħal konsultazzjoni mal-klijenti u ż-żebgħa, il-qtuġh u l-issettjar tax-xagħar. Dan il-kors jagħti lill-istudenti t-tagħrif u l-ħiliet meħtieġa biex ikunu kapaċi jipprovdu servizz komplut lill-klijenti. Huma jingħataw hafna opportunitajiet biex jipprattikaw kemm waqt sessjonijiet ta' prattika kif ukoll permezz ta' esperjenzi f'salons professjonali. Il-kors jarma lill-istudenti bil-kompetenzi meħtieġa biex imexxu salon tax-xagħar b'mod professjonali, inkluż għarfien foqgħma bħat-tmexxja tar-rizorsi umani, il-legiżlazzjoni, bażi taż-żamma tal-kotba u kuncetti tar-reklamar. Il-programm tal-MCAST Advanced Diploma in Hairdressing jitratta wkoll l-qtuġh tax-xagħar tal-irġiel u s-sengħa tal-barbiera.

ENTRY REQUIREMENTS

**MCAST Diploma in Hairdressing (Women)
or City and Guilds Hairdressing level 2**

CAREER OPPORTUNITIES

**Hair Salon Manager;
Hair Stylist**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Higher Diploma in ADVANCED STUDIES IN THE EARLY YEARS

COURSE CODE
CS5-01-21

This programme is one of the most sought-after courses within this Institute. It is highly popular since it provides ample opportunities to find employment at the end of the two-year programme. The study-units are designed in a manner that provides a strong link between theoretical concepts and hands-on practice during internships. Lectures focus on guiding the undergraduates on how to make learning for young children stimulating and fun, in a safe and healthy environment. Upon completion of this programme, the undergraduates may proceed to the final year of the Bachelor of Arts (Honours) in Early Childhood Education and Care (ECEC) within the Faculty of Education, University of Malta, subject to fulfilling a number of requirements relating to proficiency in the Maltese and English languages.

Dan il-programm huwa wieħed mill-aktar korsijiet popolari f'dan l-Istitut. Huwa popolari hafna minhabba li jipprovdi numru ta' opportunitajiet biex wieħed isib impjieg fi tmiem il-programm ta' sentejn. L-unitajiet ta' studju huma mfassla b'tali mod li jipprovdu rabta qawwija bejn kunċetti teoretiċi u l-prattika matul internships. Il-lezzjonijiet jiggwidaw lill-istudenti dwar kif it-tagħlim jista' jkun stimolanti u ta' interess għat-tfal iż-żgħar, f'ambjent sikur u tajjeb għas-saħħa. Meta jlestu dan il-programm, l-istudenti jistgħu jkomplu bl-istudji tagħhom fl-aħħar sena tal-Bachelor of Arts (Honours) in Early Childhood Education and Care (ECEC) fil-Fakultà tal-Edukazzjoni, l-Università ta' Malta, basta li jissodisfaw għadd ta' rekwiziti relatati mal-proficjenza fil-lingwa Maltija u f'dik Ingliża.

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, English, Maltes;

Applicants need to be in possession of a pass at SEC/O-Level in the subject that is not presented at A-level or I-level;

Prior to embarking on any Placement, learners need to:

- **satisfy the requirements of the Protection of Minors Act (POMA);**
- **present a clean police conduct**
- **complete a Basic First Aid course • complete a Paediatric First Aid course.**

CAREER OPPORTUNITIES

Early years educator

MODE

Work placement



MQF LEVEL
Level 5



COURSE DURATION
2 Years full-time

120

ECTS

Bachelor of Arts (Honours) in **HEALTH AND SOCIAL CARE** (Management)

COURSE CODE
CS6-01-21

The Health and Social Care sector provides a number of career opportunities for successful learners to find engaging and rewarding employment at the end of this degree programme of studies. Throughout the duration of the course, undergraduates participate in work placement experiences in related settings under the supervision of experienced professionals. This programme of studies includes a varied pool of modules aimed at enhancing the undergraduates' managerial attributes, amongst which Governance and Quality Management and European Law and Social Policy. Other study-units focus on the importance of the undergraduates to keep abreast of current issues that different categories of serviceusers may encounter such as Globalisation and Poverty and Family and Individual Functioning.

Is-settur tas-Saħħa u l-Kura Soċjali jipprovdri għadd ta' opportunitajiet ta' karriera biex l-istudenti li jtemmu dan il-kors b'suċċess isibu impjeg motivanti u ta' sodisfazzjon fi tmiem dan il-programm ta' studji. Matul il-kors kollu, l-istudenti tal-bacellerat jipparteċipaw f'esperjenzi ta' internship f'ambjenti relatati, taħt is-supervizzjoni ta' professjonisti ta' esperjenza. Dan il-programm ta' studji jinkludi gabra varjata ta' unitajiet immirati lejn it-tiżiħ tal-karatteristiċi manigerjali tal-istudenti tal-bacellerat, fosthom Il-Governanza u l-Ġestjoni tal-Kwalità u Il-Liġi Ewropea u l-Politika Soċjali. Unitajiet ta' studju oħra jiffokaw fuq l-importanza li l-istudenti jzommu ruħhom aġġornati fir-rigward ta' kwistjonijiet kurrenti li jistgħu jiffaċċjaw kategoriji differenti ta' dawk li jużaw is-servizzi bħalma huma Il-Globalizzazzjoni u l-Faqar u Il-Familja u l-Funzjonament Individwali.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Health and 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 and SEC/O-Level Pass in English Language
Preferred (A-Level or I-Level): Chemistry, Biology, Physics, Sociology, Psychology, Home Economics and Human Ecology, Accounts, Economics

CAREER OPPORTUNITIES

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

MODE

Work placement



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in SPORT, EXERCISE AND HEALTH

COURSE CODE
CS6-02-21

This programme of study covers modules that prepare the undergraduates to work alongside medical and healthcare professionals in promoting physical activity and exercise; and are mapped to the rigorous standards upheld by various international 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 learners with hands-on experience to engage in exercise, health and fitness programmes, conferences and events on and off campus, working with different sectors of the community. The undergraduates will develop the knowledge and skills required to assist clients and patients in their various health challenges, noncommunicable diseases, health conditions, injuries or disabilities. Furthermore the degree programme also aims to facilitate the pursuit of a number of distinctive sport or exercise-related Master's (Level 7) programmes.

Dan il-programm ta' studju jkopri unitajiet ta' studju li jhejju lill-istudenti tal-bachelorat biex jaħdmu ma' professjonisti mediċi u fil-kura tas-saħħa fil-promozzjoni tal-attività fizika u l-eżerċizzju; u biex jissodisfaw l-istandards rigorużi osservati minn diversi korpi internazzjonali ta' akkreditazzjoni fil-qasam. L-għan aħħari jkun li titjeb is-saħħa generali tal-individwu u tas-soċjetà kollha. Permezz ta' esperjenza Prattika matul it-tliet snin tal-kors, l-istudenti jiehdu sehem fi sport, programmi ta' saħħa u fitness, konferenzi u awenimenti kemm ġewwa kif ukoll barra l-kampus, u jaħdmu ma' setturi differenti tal-komunità. L-istudenti jiżviluppaw l-għarfien u l-ħiliet meħtieġa biex jossistu lill-klijenti u lill-pazjenti fid-diversi sfidi tas-saħħa tagħhom, bħal mard li ma jitteħdx, kundizzjonijiet ta' saħħa, korrimenti jew diżabilità. Barra minn hekk, il-programm għandu wkoll l-għan li jiffaċilita l-aċċess għal numru ta' programmi differenti relatati mal-isport jew mal-eżerċizzju fil-livell ta' Masters (Livell 7).

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Sports (Development, Coaching and Fitness) or 2 A-Level passes and 2 I-Level passes and SEC/O-Level pass in English Language Compulsory A or I-Level: Physics or Chemistry or Biology or Physical Education

CAREER OPPORTUNITIES

**Personal trainer;
Exercise for health professional;
Specialist trainer;
Sports activity manager;
Functional sports trainer**

MODE

Work placement



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in INCLUSIVE EDUCATION

COURSE CODE
CS6-03-21

This programme of study focuses on how educational institutions in general, and the classroom settings specifically, can become more inclusive to cater for different individual needs. The undergraduates tackle a variety of study-units aimed at identifying what barriers exist which may be preventing students from accessing quality education. Furthermore, the study-units also explore innovative techniques of how these barriers can be overcome so that all students feel valued during compulsory schooling years, and possibly beyond. This course includes internship opportunities aimed at developing a mindset of promoting inclusive communities that celebrate diversity and cater for the diverse needs of different groups of students.

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 jilhqgħu htigijiet individwali differenti. L-istudenti tal-bachelorat jittrottaw varjetà ta' unitajiet ta' studju bil-għan li jġu identifikati liema ostakoli jistgħu jkunu qegħdin ma jhallux lill-istudenti jkollhom aċċess għal edukazzjoni ta' kwalità. Barra minn hekk, l-unitajiet ta' studju jespjoraw ukoll teknika innovattiva dwar kif jistgħu jinghelbu dawn l-ostakoli sabiex l-istudenti kollha jhossuhom stmati matul is-snin ta' edukazzjoni obligatorja, u possibilmint lil hinn minnhom. Dan il-kors jinkludi opportunitajiet ta' internship immirati lejn l-iżvilupp ta' mentalità li tippromwovi komunitajiet inklużivi li jċċelebraw id-diversità.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Children's Care, Learning and Development
or **MCAST Advanced Diploma in Health and Social Care**
or **2 A-Level passes and 2 I-Level passes, to include at least one A-Level and one I-Level from Mathematics, English, Maltese, Philosophy, Sociology, Psychology**

CAREER OPPORTUNITIES

Learning support educator (LSE)

MODE

Work placement



Institute for the

CREATIVE ARTS



Message from the director

Dr MARTINA CARUANA



Welcome to the Institute for the Creative Arts (ICA) at the Mosta Campus. Our Institute offers a broad variety of courses ranging from art and design, to graphic design and interactive media, creative media production, photography and journalism, and recently, fashion design and performing arts as well as cultural heritage skills.

The levels at which these are offered and the different progression routes enable you to choose at what level to access your area of preference.

All programmes have some connection with industry and the working world. Courses see learners do placements or apprenticeships with employers with whom they have the opportunity to learn how things are done outside the formal educational context. Other opportunities include doing real projects with clients through live cases in which such projects are integrated into the learning process at ICA.

Merħba fl-Istitut għall-Arti Kreattiva fl-Kampus tal-Mosta. L-Istitut tagħna joffri varjetà wiesgħa ta' korsijiet li jvarjaw minn arti u disinn, għal disinn grafiku u l-midja interattiva, il-produzzjoni ta' midja kreattiva, il-fotografija u l-ġurnaliżmu, u reċentement, id-disinn tal-moda u l-arti tal-ispettaklu kif ukoll hilet ta' wirt kulturali.

Noffru korsijiet fl-livelli differenti u r-rotot ta' progressjoni differenti li jippermettulek tagħżel f'liema livell taċċessa s-settur tal-għażla tiegħek.

Il-programmi kollha għandhom xi konnessjoni mal-industrija u d-dinja tax-xogħol. Il-korsijiet jaraw li l-istudenti jagħmlu placements jew apprendistati ma' min iħaddem u li magħhom għandhom l-opportunità li jittgħallmu kif isiru l-affarijiet barra mill-kuntest edukattiv formali. Opportunitajiet oħra jinkludu l-proġetti ma' klijenti permezz ta' live cases li fihom proġetti bħal dawn huma integrati fl-proċess ta' taġħlim fl-ICA.

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Introductory Certificate in **ART AND DESIGN**

COURSE CODE
CA1-01-21

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 field of art and design. The programme of studies focuses on basic art and design principles, with an emphasis on vocational practice. This enables learners to understand better the vocation they intend to follow and prepares them for further training 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 jkunu spicċaw l-edukazzjoni obbligatorja tagħhom u li għandhom iċ-Ċertifikat u l-Profil tal-Iskola Sekondarja (SSC&P), l-opportunità li jseguw kors introduttorju fil-qasam tal-arti u d-disinn. Il-programm ta' studji jiffoka fuq il-principji bażiċi tal-arti u d-disinn, b'enfasi fuq il-prattika vokazzjonali. Dan jippermetti lill-istudenti jifhmu aħjar il-vokazzjoni li bihsiebhom isegwu u jhejjihom għal aktar taħriġ fil-qasam. Sugġetti ta' hillet ewlenin jgħinu lill-istudenti jtejbju l-kompetenzi tagħhom f'oqsma bażiċi bħal-lingwa, in-numerizmu, it-teknoloġija tal-informazzjoni, ix-xjenza u r-responsabbiltà individwali u soċjali.

ENTRY REQUIREMENTS

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



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in **THE CREATIVE ARTS**

COURSE CODE
CA2-01-21

This programme of study provides an opportunity to learners, in possession of the Secondary School Certificate and Profile (SSC&P), to follow a structured programme that explores the basics of various Creative Art disciplines, namely Art, 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, developing 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 jkollhom iċ-Ċertifikat u l-Profil tal-Iskola Sekondarja (SSC&P), l-opportunità li jseguw programm strutturat li jesplora l-asperti bażiċi tad-diversi dixxiplini tal-Arti Kreattiva, jiġifieri l-Arti, id-Disinn, il-Midja u l-Arti tal-Ispettaklu. Il-programm jinkludi ammont sinifikanti ta' prattika vokazzjonali, kif ukoll sugġetti ta' hiliet ewlenin essenzjali, li jgħinu lill-istudenti jiffurmaw idea ċara tal-vokazzjoni li biĥsiebhom isegwu flivelli oghla filwaqt li, fl-istess hin, jiżviluppaw il-kompetenzi tagħhom f'oqsma bażiċi bħal-lingwa, in-numerizmu, it-teknoloġija tal-informazzjoni, ix-xjenza u r-responsabbiltà individwali u soċjali.

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in PRINTING

COURSE CODE
CA3-01-21

This course aims to deliver both general as well as area-specific education and training in the commercial and security printing industry. The sector is currently facing challenges related to changing habits, shifts to digital communication, and competition from non-EU countries. Nevertheless, the local industry has recently seen an increase in employability supporting publishing, advertising, and other commercial businesses. This qualification equips learners with knowledge of the major pre-press, printing and post-press processes as well as a range of skills and techniques, personal qualities and attitudes essential for successful performance in working life. Learners harness theoretical knowledge at the Institute, backed up by practical training within the printing industry.

Dan il-kors jipprovdi edukazzjoni u taħriġ fuq livell ġenerali kif ukoll speċifiku għas-settur, fir-rigward tal-industrija tal-istampar kummerċjali u ta' sikurezza. Bhalissa s-settur qed jiffaċċja sfidi relatati ma' drawwiet li qed jinbidlu, tibdil għal komunikazzjoni diġitali, u kompetizzjoni minn pajjiżi mhux tal-UE. Madankollu, l-industrija lokali dan l-aħħar rat zieda fl-opportunitajiet ta' xogħol f'azzjenti tal-pubblikazzjoni u tar-reklamar u f'negozji kummerċjali oħra. Din il-kwalifika tagħti lill-istudenti għarfien dwar il-proċessi ta' qabel, waqt u wara l-istampar, kif ukoll firxa ta' ħiliet u teknoloġiji, kwalitajiet u attitudnijiet personali essenzjali biex huma jirnexxu fil-hajja tax-xogħol tagħhom. L-istudenti jsaħħu l-għarfien teoretiku li jiksbu fl-Istitut permezz ta' taħriġ prattiku fl-industrija tal-istampar matul l-istudji tagħhom.

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or **2 SEC/O-Level/SSC&P (Level 3)** passes
Preferred: Art, Art and Design, Textiles and Design

CAREER OPPORTUNITIES

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

MODE

Work placement



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in PERFORMING ARTS

COURSE CODE

CA3-02-21

The performing arts sector is steadily growing and becoming more professionalized. Learners embark on this programme of studies if, in the future, they see themselves working in music, theatre, dance, management, production, design or technical aspects of the performing arts. This multidisciplinary course gives learners a sound introduction to the various disciplines and elements that make up the performing arts sector through hands-on projects based on theory. Moreover, this course provides learners with the ideal foundation upon which to base further studies in the process of becoming a performing arts professional.

Is-settur tal-arti tal-ispettaklu qed jikber b'mod kostanti u qed isir aktar professjonali. L-istudenti jidhlu ghal dan il-programm ta' studji jekk, fil-futur, huma jixtiequ jaħdmu fil-muzika, it-teatru, iż-żfin, il-manigment, il-produzzjoni, id-disinn jew aspetti tekniċi tal-arti tal-ispettaklu. Dan il-kors multidixiplinari jagħti lill-istudenti introduzzjoni soda għad-diversi dixiplini u elementi li jiffurmaw is-settur tal-arti tal-ispettaklu permezz ta' proġetti prattiċi bbażati fuq it-teorija. Barra minn hekk, dan il-kors jipprovi lill-istudenti pedament ideali li fuqu jistgħu jibbażaw aktar studji li jwassluhom biex isiru professjonisti tal-arti tal-ispettaklu.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Stage hand;
Usher;
Relationship officer;
Ticketing officer



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in MEDIA

COURSE CODE
CA3-03-21

The creative media sector is versatile and it encompasses many job opportunities for young learners who are ready to take on this adventure. This programme aims to give learners an introduction about 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 creative media professionals.

Is-settur tal-midja kreattiva huwa versatile u jhaddan hafna opportunitajiet ta' impjegji ghal studenti zghazagh li huma lesti jidhlu ghal din l-avventura. Dan il-programm ghandu l-għan li jagħti lill-istudenti introduzzjoni dwar id-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-bażi ideali li fuqha jistgħu jkomplu jispeċjalizzaw bhala professjonisti tal-midja kreattiva.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or **2 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: English Language, Music

CAREER OPPORTUNITIES

Production office assistant;
Studio assistant;
Photography assistant

Diploma in ART AND DESIGN

COURSE CODE

CA3-04-21

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 nonresistant 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 to health and safety priorities. 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 mhegġa jesperimentaw b'midja differenti u b'materjali rezistenti u mhux rezistenti 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 il-prijoritajiet tas-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

CAREER OPPORTUNITIES

Assistant in an art studio;
Assistant in the crafts sectors of stone works;
Woodworking production;
Ceramics;
Jewellery;
Textiles or fashion



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Advanced Diploma in CULTURAL HERITAGE SKILLS

COURSE CODE
CA4-A2-21

This course addresses the needs of the Cultural Heritage sector in order to support the management, conservation and preservation of such heritage. Successful candidates will be able to ethically collaborate with relevant stakeholders, and would work under the supervision of one of these. Initially, the programme of studies provides the necessary applied theoretical material and ethical background for further training in technical aspects of cultural heritage and heritage skills. Options in the second and third year of the programme, which are open subject to demand and viability, include stone, metals, books, paper and textiles heritage skills, with training being carried out in workshops, laboratories and on site.

Dan il-kors jindirizza n-nuqqas ta' hiliet fis-settur tal-Patrimonju Kulturali li huma meħtieġa biex jgħinu fil-ġestjoni, il-konservazzjoni u l-preservazzjoni ta' dan il-patrimonju. Il-kandidati li jtemmu l-kors b'suċċess ikunu jistgħu, b'mod etiku, jikkollaboraw ma' partijiet interessati u jaħdmu taħt is-sorveljanza ta' xi hadd minnhom. Inizjalment, il-programm ta' studji jkopri t-teorija u l-isfond etiku li huma neċessarji għal aktar taħriġ fl-aspetti tekniċi tal-patrimonju kulturali u l-hiliet tal-patrimonju. L-għażliet fit-tieni u t-tielet sena tal-programm, li jiftħu skont id-domanda u l-vijabbiltà, jinkludu l-kisba ta' hiliet għall-patrimonju relatati mal-ġebbla, il-metalli, il-kotba, il-karta u t-tessuti. Dan it-taħriġ isir f'workshops, laboratorji u fuq is-sit.

ENTRY REQUIREMENTS

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

Applicants may be asked to sit for an interview

CAREER OPPORTUNITIES

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

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **GRAPHIC PRINTING**

COURSE CODE
CA4-A3-21

This course aims to deliver both general as well as area-specific education and training. It provides opportunities for direct employment in the trade. This qualification enables students to develop a range of skills and techniques, personal qualities and attitudes essential for successful performance in working life. Students will harness theoretical knowledge at the Institute, backed up by practical apprenticeship within the printing industry.

Dan il-kors jipprovdi edukazzjoni u taħriġ fuq livell generali kif ukoll speċifiku għas-settur. Jipprovdi opportunità għall-impjeg dirett fl-industrja. Din il-kwalifika tagħti lill-istudenti opportunità sabiex jizviluppaw firxa ta' abiltajiet u teknika, kif ukoll kwalitajiet personali u essenzjali għas-success fid-dinja tax-xogħol. Studenti jużaw l-abiltajiet teoretici imħaddna għol-Istitut, flimkien ma' apprenstatat prattiku fl-industrja tal-istampar.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Printing
or **MCAST Diploma in Art and Design**
or **Diploma in Media**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: English Language;

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

CAREER OPPORTUNITIES

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

MODE

Apprenticeship

Advanced Diploma in DIGITAL DESIGN

COURSE CODE

CA4-02-21

This course of study prepares learners to communicate ideas and solve problems through creative and innovative solutions. The course is taught by experienced graphic artists and designers and is an opportunity to form an understanding of graphic design and interactive media fundamentals. Learners will become familiar with fundamental principles, skills and media related to contemporary graphic design and interactive media practice. With an emphasis on the creative process, learners will be guided to master technical skills in preparation for more independent study at undergraduate level. Exploratory exercises, real life work and competitions all form part of the curriculum for ultimate effective learning experiences. All this seeks to bridge a link between the College and the creative industry. The course encourages learners to develop a portfolio that is unique. This course includes work-related training and practice. Applicants have to be able to work within the industries concerned.

Dan huwa kors ta' studju li jfhejji lill-istudenti biex jikkomunikaw ideat u jsolvu problemi permezz ta' soluzzjonijiet kreattivi u innovattivi. Il-kors jigi mgħallem minn artisti u disinjaturi grafiċi tal-esperjenza u huwa opportunità biex l-istudenti jiksibu għarfen dwar elementi fundamentali tad-disinn grafiku u l-midja interattiva. L-istudenti jsiru familjari mal-prinċipji fundamentali, il-ħiliet u l-midja relatati mad-disinn grafiku kontemporanju u l-prattika tal-midja interattiva. B'enfasi fuq il-process kreattiv, l-istudenti jigu ggwidati biex jiksibu ħiliet tekniċi bi thejji għal studju aktar indipendenti fil-livell tal-bachelorat. Eżerċizzji esploratorji, ħidma fil-ħajja reali u kompetizzjonijiet jiffurmaw parti mill-kurrikulu għal esperjenzi ta' tagħlim effettiv. Dan kollu għandu l-għan li johlq rabta bejn il-Kulleġġ u l-industrija kreattiva. Il-kors iħegġeg lill-istudenti jizviluppaw portafoll li jkun uniku. Dan il-kors jinkludi taħriġ u Prattika relatati max-xogħol. L-applikanti jridu jkunu kapaci jaħdmu fl-industriji kkonċernati.

ENTRY REQUIREMENTS

MCAST Diploma in Printing or MCAST Diploma in Art and Design or MCAST Diploma in Media or 4 SEC/O-Level /SSC&P (Level 3) passes
Compulsory: Art
Preferred: English Language;

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

CAREER OPPORTUNITIES

Internship;
Junior graphic designer;
Junior web designer

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET



Advanced Diploma in PERFORMING ARTS

COURSE CODE

CA4-03-21

The performing arts industry is a steadily growing sector which is demanding people trained in the various areas. Through this programme of studies learners become familiar with fundamental principles and skills related to contemporary performing arts practice. The first year of this course focuses on elemental principles related to music, theatre, dance, management, production, design and technical aspects of the performing arts in preparation for more independent and focused study the following year when learners choose to develop further particular study-areas of performance (acting, dance and/or music), design (costumes, props and/or set), technical aspects (light and/or sound) and management.

L-industrija tal-arti tal-ispettaklu hija settur li qed jikber b'pass mgħaġġel u li jehtieg individwi mharrġa fid-diversi oqsma. Permezz ta' dan il-programm ta' studji, l-istudenti jsiru familjari mal-principji u l-hiliet fundamentali relatati mal-prattika kontemporanja tal-arti tal-ispettaklu. L-ewwel sena ta' dan il-kors tiffoka fuq principji bażici relatati mal-muzika, it-teatru, iż-żfin, il-manigment, il-produzzjoni, id-disinn u l-aspetti tekniċi tal-arti tal-ispettaklu, bi thejjja għal studju aktar indipendenti u ffokat fis-sena ta' wara, meta l-istudenti jagħzlu li jżviluppaw aktar foqsa ta' studju partikolari (ir-reċtar, iż-żfin u/jew il-muzika), id-disinn (il-kostumi, il-props u/jew is-sett), aspetti tekniċi (id-dawl u/jew il-hoss) u l-manigment.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Performing Arts or MCAST Diploma in Art and Design or MCAST Diploma in Media or any other MCAST Level 3 Diploma or 4 SEC/O-Level/SSC&P (Level 3) passes;

Applicants may be asked to sit for an interview and/or an audition.

CAREER OPPORTUNITIES

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

MODE

Work placement



Advanced Diploma in PHOTOGRAPHY

COURSE CODE

CA4-04-21

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 artistic photographic print making, location 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 photography, studio photography, studio lighting, monochrome darkroom photographic printing, and advanced postproduction techniques using Adobe Photoshop.

L-industrija tal-fotografija tirrikjedi persuni zghazagh kreattivi li jridu jidhlu fid-dinja tat-tehid professjonali tal-immagani. L-industrija tirrikjedi professjonisti zghazagh kompetittivi li jistghu jissodisfaw id-domandi kontinwi tal-klijenti ghal ideat friski u unici ghat-tehid ta' immagnijiet fvarjetà ta' kuntesti. Dan huwa kors vokazzjonali ta' sentejn li jaghti lil fotografi prospettivi esperjenza edukattiva realistika simili ghal dik li jistghu jesperjenzaw fl-industriji tal-fotografija. L-istudenti jkunu esposti għall-oqasma speċjalizzati ta' artistic photographic print making, location photography u studio photography. Lejn l-aħħar ta' kull sena akkademika, l-istudenti jizviluppaw il-kunċetti fotografici tematiċi tagħhom stess u jipproduċu żewġ proġetti fotografici ewlenin. Il-kors jinkludi wkoll DSLR photography, studio photography, studio lighting, monochrome darkroom photographic printing, u tekniki avvanzati ta' wara l-produzzjoni bl-użu ta' Adobe Photoshop.

ENTRY REQUIREMENTS

MCAST Diploma in Art and Design or MCAST Diploma in Media or 4 SEC/O-Level/SSC&P (Level 3) passes
Preferred: Art, English Language;

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

CAREER OPPORTUNITIES

**Assistant photographer;
Junior photo journalist;
Junior studio photographer;
Junior photo-editor;
Photographer retail attendant;
Junior photographer (corporate)**

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **ART AND DESIGN**

COURSE CODE
CA4-05-21

This course presents learners with more challenging exercises in Art and Design disciplines. Learners will be expected to undertake guided and independent learning in order to develop further the necessary skills and creativity. Learners will be expected to develop a portfolio of work for progression or for potential employment. In the second year learners focus on a specialist path to enhance their technical skills and in preparation to progress to higher levels of study or to find work as a craftsperson. Special attention is given to visual and written communication in preparation to selfpromotion in the industry or for Higher Education.

Dan il-kors jipprezenta lill-istudenti eżerċizzji aktar ta' sfida fid-dixxiplini tal-Arti u d-Disinn. L-istudenti jkunu mistennija jsegwu taġħlim iggwidat u indipendenti sabiex ikomplu jiżviluppaw il-hiliet u l-kreattività neċessarji. L-istudenti jkunu mistennija jiżviluppaw portafoll ta' hidma biex jawnanzaw fl-istudji taġħhom jew għal skop ta' impjeg. Fit-tieni sena l-istudenti jiffokaw fuq settur speċjalizzat biex isahhu l-hiliet tekniċi taġħhom u jilħqu livelli oghla ta' studju jew isibu xogħol bħala haddiem tas-sengħa (craftsperson). Tingħata attenzjoni speċjali għall-komunikazzjoni viżiva u bil-kitba biex l-istudenti jithejjew tajjeb għall-industrija jew għal Edukazzjoni Oghla.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Art and Design or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: Art or Art and Design or Textiles and Design or Design and Technology;

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

CAREER OPPORTUNITIES

**Craftsperson;
Artisan**

MODE

Work placement

Advanced Diploma in CREATIVE MEDIA PRODUCTION

COURSE CODE

CA4-06-21

The media industry is an ever-changing and dynamic sector which requires specific skills sets and competences to address the versatile demands that the industry requires to operate. These demands can be creative in nature but also technical. The Advanced Diploma in Creative Media Production opens up a range of pathways leading to careers within various media sectors. After the successful completion of this course, learners may choose to work in video production, television, sound, interactive media and sectors of the film industry. The programme provides learners with a broad introduction to the various aspects of audio-visual production. Moreover, it provides a solid foundation in underlying theories, while also covering practical areas in camera and audio techniques and video editing.

L-industrija tal-midja hija settur dinamiku u li dejjem jinbidel u li jehtieg numru ta' hilet u kompetenzi speċifiċi biex jigu indirizzati l-bżonnijiet li din l-industrija versatili tehtieg biex topera. Dawn id-domandi jistgħu jkunu ta' natura kreattiva kif ukoll teknika. L-Advanced Diploma in Creative Media Production tiftaħ firxa ta' toroq li jwasslu għal karrieri f'diversi setturi tal-midja. Wara li jlestu dan il-kors b'suċċess, l-istudenti jistgħu jagħzlu li jaħdmu fil-produzzjoni tal-vidjos, fit-televiżjoni, fil-ħoss, fil-midja interattiva u f'setturi tal-industrija tal-films. Il-programm jagħti lill-istudenti introduzzjoni wiesgħa għal diversi aspetti tal-produzzjoni awdjoviżiva. Barra minn hekk, jipprovdilhom bażi soda fir-rigward tat-teoriji fundamentali, filwaqt li jkopri wkoll oqsma prattiċi fit-teknika tal-kamera u tal-awdjo u fl-editjar tal-vidjos.

ENTRY REQUIREMENTS

MCAST Diploma in Art and Design
or **MCAST Diploma in Media**
or **MCAST Diploma in Foundation Studies for Security, Enforcement and Protection** or **4 SEC/O-Level/SSC&P (Level 3)** passes **Compulsory: Art or English Language or Music Studies;**

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

CAREER OPPORTUNITIES

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

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET



Advanced Diploma in FASHION AND RETAIL

COURSE CODE

CA4-A1-21

This course is designed to address the skills shortages in the fashion design and production sector. Learners undertaking the course learn 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 participate in 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-hiliet fis-settur tad-disinn u l-produzzjoni tal-moda. L-istudenti li jidhlu għall-kors jiksbu hiliet 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-sugġett. Qasam importanti ieħor huwa t-tfassil u t-teknika tal-hjata bi thejġija għat-tieni sena. It-tieni sena tal-istudji tipprovdli lill-istudenti l-opportunità li jkomplu jiżviluppaw l-għarfien u l-hiliet 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

MCAST Diploma in Art and Design or MCAST Diploma in Media or any other MCAST Level 3 Diploma or 4 SEC/O-Level/SSC&P (Level 3) passes
Preferred: English Language;

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

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

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Bachelor of Arts (Honours) in **CREATIVE MEDIA PRODUCTION**

COURSE CODE
CA6-01-21

The creative media industry is competitive and pleasantly adventurous. With the introduction of new media, the Industry is always on the lookout for young talent who can dream and create unique moving image productions from concept to screen. 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. Learners will acquire a broad range of skills and techniques focusing mainly on TV studio productions, and will specifically progress to audio-visual modules consisting of both research and practical film-making assignments. Moreover, learners will also explore different aspects of the discipline in relation to advertising productions, sound and multi-platform storytelling. In their final year, learners will be given the opportunity to research and develop their own individual practice.

L-industrija tal-midja kreattiva hija waħda kompetittiva u avventuruża. Bl-introduzzjoni ta' midja ġodda, l-industrija kontinwament tftitex talent żagħżuġ li kapaci johlom u johloq kuncetti ta' produzzjonijiet unici ta' immaġni li tiċċaqlaq għall-iskrin. Dan il-programm fl-livell ta' baċcellerat huwa maħsub biex jagħti lill-istudenti l-opportunità li jaħdmu b'mod prattiku f'ambjenti kreattivi halli jipproduċu kontenut awdjoviżiv għal prattici artistici kif ukoll kummerċjali. L-istudenti jiksbu firxa wiesgħa ta' hillet u tekniki li jiffokaw b'mod partikolari fuq produzzjonijiet fl-istudjos tat-televiżjoni, biex imbagħad jgħaddu speċifikament għal unitajiet ta' studju li jittrattaw l-element awdjoviżiv u li jinvolvu kemm riċerka kif ukoll produzzjoni ta' films. Barra minn hekk, l-istudenti jespjoraw ukoll aspetti differenti tad-dixxiplina fir-rigward ta' produzzjonijiet ta' reklami, il-ħoss u n-narrazzjoni bl-uzu ta' forom differenti. Fl-aħħar sena l-istudenti jingħataw l-opportunità li jagħmlu riċerka u jżviluppaw il-prattika tagħhom.


MQF LEVEL
Level 6


COURSE DURATION
3 Years full-time

180
ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Creative Media Production*
or **MCAST Advanced Diploma in Graphic Design and Interactive Media**
or **MCAST Advanced Diploma in Photography or MCAST Advanced Diploma in Art and Design**
or **2 A-Level passes and 2 I-Level passes Preferred A-Level: Art, English Language, Photography;**

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

*Students progressing from the MCAST Advanced Diploma in Creative Media Production will be given preference in cases where the number of applicants exceeds the number of available places

CAREER OPPORTUNITIES

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

MODE

Live cases

Bachelor of Arts (Honours) in FINE ART

COURSE CODE

CA6-02-21

This degree is a synthesis of the most important elements of professional fine art practice as it concerns the 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.

Din id-degree hija sintezi tal-aktar elementi importanti tal-prattika tal-arti professjonali, billi tikkonċerna l-għarfien, il-hiliet u l-fehim fundamentali. L-istudenti jkollhom l-opportunità li japprezzaw u jiżviluppaw firxa ta' dixxiplini tal-arti Prattika, li jinkludu t-tpinjġja, l-iskultura, il-pittura, il-fotografja, l-istampar u l-iżvilupp ta' immaġni diġitali. Huma jiġu mhegġġa 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' baċellerat 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 Photography or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Art or Art and Design, or equivalent;

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

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

MODE

Live cases



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS



Bachelor of Arts (Honours) in **GAME ART AND VISUAL DESIGN**

COURSE CODE
CA6-03-21

This degree programme has been developed in response to the increased demand for trained artists and designers who are able to produce rich, interactive experiences, by developing conceptual visual graphics for digital games. Learners further their skills in drawing and illustration - the basis for the eventual development of game art. Learners acquire grounding in essential art and design principles, as well as computergenerated design, and concurrently receive a basic knowledge of related theory, analysis and practice. This includes game design, psychology of play, user interface (UI), narrative study, digital imaging, 3D-modelling and animation.

Dan il-programm fl-livell tal-bachelorat għe żviluppaw bi tweġiba għad-domanda dejjem tizdied għal artisti u disinjaturi mharrġa li jistgħu jipproduċu esperjenzi rikki u interattivi billi jżviluppaw grafiċi vizivi kunċettwali għal loġhob diġitali. L-istudenti jkomplu jsaħħu l-ħiliet tagħhom fit-tpiġġja u l-illustrazzjoni biex eventwalment jżviluppaw l-arti tal-loġhob. Tul il-kors l-istudenti jiksbu bażi tajba fl-prinċipji essenzjali tal-arti u d-disinn, kif ukoll fid-disinn iġġenerat mill-kompjuter, u fl-istess ħin jirċievu għarfen bażiku tat-teorija, l-analiżi u l-prattika relatati. Dan jinkludi d-disinn tal-loġhob, il-psikoloġġja tal-loġhob, il-user interface, l-istudju tan-narrattiva, l-immagni diġitali, l-immudellar tridimensjonali u l-animazzjoni

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Art and Design or MCAST Advanced Diploma in Graphic Design and Interactive Media or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Art or Art and Design or equivalent;

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

CAREER OPPORTUNITIES

**Digital visual artist;
Storyboard artist;
Texture artist;
Concept artist;
3D artist;
3D rigger;
3D modeller**

MODE

Live cases



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in **GRAPHIC DESIGN**

COURSE CODE
CA6-04-21

Communicating messages successfully via graphic design requires a high level of understanding of the visual art of representation. This highly contextualised curriculum draws on contemporary design practice, together with theoretical and historical cultural material. The degree equips 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. Traditional and digital tools will be explored in disciplines such as editorial design, web design, signage, advertising and packaging.

Il-komunikazzjoni ta' messaġġi b'mod effettiv permezz tad-disinn grafiku tirrikjedi livell għoli ta' għarfien tal-arti viżiva tar-rappreżentazzjoni. Dan il-kurrikulu ferm ikkuntestwalizzat huwa bbażat fuq il-prattika tad-disinn kontemporanju, flimkien ma' materjal kulturali teoretiku u storiku. Id-degree tipprovdi lill-istudenti l-għarfien biex jesploraw u jjsfidaw limiti kreattivi, permezz ta' xenarji ta' disinn realistiċi. Huma jirfinaw il-hiliet tagħhom fir-rigward tal-prinċipji fundamentali tad-disinn bħal-layout, il-format, it-tipografija, l-ikonografija u l-kulur. L-istudenti janalizzaw firxa wiesgħa ta' problemi ta' disinn professjonali u jsibu soluzzjonijiet kreattivi u innovattivi permezz ta' diversi midja. L-ghodod tradizzjonali u diġitali jiġu esplorati f'dixxiplini bħad-disinn editorjali, id-disinn tal-websajts, is-sinjallazzjoni, ir-reklamar u l-ippakkjar.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Graphic Design and Interactive Media
or **MCAST Advanced Diploma in Art and Design**
or **MCAST Advanced Diploma in Photography**
or **MCAST Advanced Diploma in Creative Media Production**
or **2 A-Level passes and 2 I-Level passes**
Compulsory A-Level: Art or Art and Design or Graphical Communication, or equivalent;

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

CAREER OPPORTUNITIES

Graphic designer;
Motion graphics designer;
Web designer

MODE

Live cases



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in INTERACTIVE MEDIA

COURSE CODE

CA6-05-21

This degree programme prepares learners to work in various sectors within an ever-evolving digital industry, by giving them exposure to 3D graphics and creative design and development. Learners will be given a strong grounding in visual art and design principles, as well as visual design software. They will acquire skills in the core fundamental practices of the industry, exploring user experience design, design and development for websites and mobile apps, game design and production and 3D graphics.

Dan il-programm ta' bacellerat jipprepara lill-istudenti biex jaħdmu fis-setturi digitali li dejjem qegħdin jevolvu billi jingħataw esperjenza fi grafika 3D u disinn u żvilupp kreattiv. L-istudenti jingħataw sisien sodi fl-arti viżiva u l-prinċipji tad-disinn, kif ukoll fi programmi ta' disinn viżivi. Sal-aħħar tal-programm l-istudenti jkunu akkwistaw ħiliet fundamentali prattiċi fl-industrija, billi jesploraw l-esperjenza tad-disinn mill-aspett ta' min jużaha, u anke d-disinn u l-iżvilupp ta' saġts, apps, loġħob digitali u produzzjoni u grafika 3D.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Graphic Design and Interactive Media
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 IT** (This entry requirement is limited only to the **Multimedia Software Development stream and the Software Development stream**)
or **2 A-Level passes and 2 I-Level passes**
Compulsory A-Level: Art, or Art and Design, or Computing, or equivalent;

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

CAREER OPPORTUNITIES

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

MODE

Live cases

Bachelor of Arts (Honours) in **PHOTOGRAPHY**

COURSE CODE
CA6-06-21

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, both in the moving image as well in still photography. 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 hafna. Id-dinja tal-fotografija hija stedina miftuħa għall-individwi kollha li huma interessati li jinkwadraw id-dinja permezz ta' lenti kritika, biex ikunu mhejjija biex jimpenjaw ruħhom għad-domandi dejjem jinbidlu tal-industrija. Dan il-programm fl-livell ta' baċellerat jintroduċi lill-istudenti għal varjetà ta' esperjenzi ta' taqħlim, li jvarjaw minn fotografija kummerċjali professjonali għat-teħid tal-immagni sperimentali. L-istudenti jiffamiljarizzaw ruħhom mal-elementi bażiċi tat-teħid tal-immagni, kemm dik li tiċċaqlaq kif ukoll fil-fotografija fissa. Huma jesploraw ir-registrazzjoni u l-irfinar tal-immagni fissa għal skopijiet kummerċjali u artistici bl-użu tat-tagħmir standard f'din l-industrija. Fl-aħħar sena tagħhom, l-istudenti jingħataw l-opportunità li jagħmlu riċerka u jiżviluppaw il-lingwa viżiva individwali tagħhom stess.


MQF LEVEL
Level 6


COURSE DURATION
3 Years full-time

180
ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Photography or MCAST Advanced Diploma in Creative Media Production or MCAST Advanced Diploma in Art and Design or MCAST Advanced Diploma in Graphic Design and Interactive Media or 2 A-Level passes and 2 I-Level Passes Preferred A-Level: Photography, Art, English Language;

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

CAREER OPPORTUNITIES

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

MODE

Live cases

Bachelor of Arts (Honours) in PRODUCT DESIGN

COURSE CODE

CA6-07-21

This degree programme prepares learners to work in the creative design of furniture and industrial products. Learners learn how to respond to complex design briefs by investigating different cultural, social and 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 fl-livell ta' bacellerat ihejji lill-istudenti biex jaħdmu fid-disinn kreattiv ta' għamara u prodotti industrijali. L-istudenti jittgħallmu kif iwiegħbu għal design briefs kumplessi billi jinvestigaw kuntesti kulturali, soċjali u ekonomiċi differenti u l-iżvilupp ta' prodotti tad-disinn. Huma jieħdu responsabbiltà individwali biex jirricerkaw u jikkomunikaw b'mod effettiv l-ideat kreattivi tagħhom permezz tal-komunikazzjoni viżiva u s-softwer CAD biex jipprezentaw disinj ta' prodotti li jkunu skont it-teknika u kreattivi. Waqt il-lezzjonijiet l-istudenti jkunu għwidi 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-għajna tal-hiliet neccessarji, l-istudenti jittgħallmu jibdlu d-disinj tagħhom fi prototipi kif jiġri fl-industrija.

ENTRY REQUIREMENTS

**MCAST Advanced Diploma in Art and Design or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Art, or Graphical Communication, or Engineering Drawing, or Physics;**

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**

MODE

Live cases



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in **SPATIAL DESIGN**

COURSE CODE
CA6-08-21

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.

Din id-degree għandha l-għan li tipprovdi lill-istudenti l-hiliet essenzjali tal-komunikazzjoni biex jinterpretaw b'mod viżiv il-proġetti relatati mal-industrija li jirrigwardaw id-disinn ta' spazji interni u esterni. L-istudenti jiżviluppaw il-hiliet ta' analiżi kritika u hsieb indipendenti meħtieġa għall-immaniġġjar ta' proġetti li jinvolvu t-trasformazzjoni ta' volumi tridimensjonali fi spazji innovattivi. Huma jespjoraw 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 jipprođu tpingġja teknika u stampi artistici bl-użu tas-software CAD biex jikkomunikaw kuncetti u dettalji b'mod realistiku. Huma jiżviluppaw ukoll hiliet fil-bini ta' mudelli.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Art and Design or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Art, or Graphical Communication, or Engineering Drawing, or Physics;

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

CAREER OPPORTUNITIES

Interior designer;
Stand designer;
Landscape designer;
Storage or set designer

MODE

Live cases



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in JOURNALISM

COURSE CODE

CA6-09-21

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 you to meet extraordinary 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 jittgħallmu u li joffru servizz ferm meħtieġ lis-soċjetà. Il-ġurnalizmu huwa vokazzjoni li tista' twassal lill-istudent f'postijiet li qatt ma immagina u tlaqqgħu ma' persuni straordinarji. 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 tat-teknoloġiji awdjoviżivi u l-apparat ta' reġistrazzjoni l-aktar moderni. Barra minn hekk, l-istudenti jesploraw kif jipprezentaw ix-xoġhlijiet ġurnalistiċi tagħhom lill-pubbliku f'varjetà ta' formats 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 pratiku u proġetti simili.

ENTRY REQUIREMENTS

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

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

CAREER OPPORTUNITIES

News journalist;
Sports journalist;
Fashion journalist;
Business journalist

MODE

Live cases & Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in **PERFORMING ARTS**

COURSE CODE
CA6-10-21

The professionalization of the performing arts has been a national priority for the sector for the last few years. This multiand 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; performance – acting, dance, music; technical – light, sound; design – 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 within the context of the cohort's final production.

Il-promozzjoni tal-professjonalità tal-arti tal-ispettaklu kienet prijorità nazzjonali għas-settur għal dawn l-aħħar snin. Dan il-programm multidixiplinari u interdixiplinari fil-livell ta' baċellerat iwieġeb għal din il-prijorità u jagħti lill-istudenti l-opportunità li jaħdmu b'mod prattiku f'ambjenti kreattivi permezz ta' kollaborazzjoni kongunta 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-manigment; il-performance – ir-reatar, iż-żfin, il-muzika; it-teknika – il-ħoss; id-dwal; id-disinn – il-kostumi, is-sett/ il-props), l-istudenti jiksbu firxa wiesgħa ta' ħiliet u ta' teknika li lkoll jiffokaw fuq produzzjonijiet tal-arti tal-ispettaklu. Dan isir permezz ta' analiżi kritika, rikerka u assignments prattici. Fl-aħħar sena tagħhom, l-istudenti jingħataw l-opportunità li jagħmlu rikerka u jżviluppaw il-prattika individwali tagħhom stess fil-kuntest tal-produzzjoni finali mtelgħa mill-istudenti ta' dik is-sena.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Performing Arts or Any other MCAST Advanced Diploma or 2 A-Level passes and 2 I-Level passes;

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

CAREER OPPORTUNITIES

**Performing arts coordinator/manager (events, marketing, educational programmes);
Lights/sound/ costume/set/props designer;
Performer/producer/ director (acting, dance, music)**

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Arts (Honours) in FASHION

COURSE CODE

CA6-A1-21

This degree programme aims to respond to the demand for fashion professionals within the fashion industry, including fashion/costume design and production, retail and marketing. Learners are supported with 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 the retail and marketing content. The course is targeted towards individuals who wish to set up their own firm with the required entrepreneurial skills, as well as towards those who wish to progress in the vast fashion business.

Din id-degree ghandha l-għan li tindirizza d-domanda għal professjonisti fl-industrija tal-moda, inkluż fid-disinn u l-produzzjoni tal-ilbies. Il-programm jinkludi studji kuntestwali biex l-istudenti jifhmu kif id-disinjaturi jigu ispirati fil-kreattività tagħhom minn stili ta' moda li baqgħu magħrufin matul iż-żminijiet. Il-kors jipprovdil lill-istudenti l-hiliet speċjalizzati u huma neċessarji biex jikkreaw mudelli bl-użu tat-teknika tradizzjonali u permezz tas-sofwer modern CAD/ CAM li jintuża fil-proċess tal-produzzjoni ta' lbies kemm fuq skala żgħira kif ukoll fuq skala haġna ikbar. Barra minn hekk, il-kors joffri wkoll unitajiet speċjalizzati li l-kontenut tagħhom jitratta l-bejgħ u r-reklamar. Il-kors huwa maħsub għal individwi li jixtiequ jibdew in-negozju tagħhom bil-hiliet 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;

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

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

MODE

Apprenticeship



MQF LEVEL
Level 6




COURSE DURATION
3 Years full-time

180

ECTS





Institute of
**ENGINEERING
& TRANSPORT**



Message from the director

Ing. STEPHEN SAMMUT



It is with pleasure to introduce you to the many exciting programmes offered by the Institute of Engineering and Transport (IET). We are proud to be a leading local educational institution offering courses in mechanical engineering, aviation, construction engineering, maritime, automotive technology, electrical engineering and electronics engineering.

Our Institute offers courses ranging from Level 1 to Level 7. IET will be able to provide courses in your selected field, whatever your educational background. It is important to stress that all our courses are designed and conducted in close collaboration with industry. This ensures that the training provided is current and aimed to provide you with a fulfilling career in your selected field.

The facilities include laboratories and workshops which are set up with state-of-the-art equipment as we strongly believe in delivering our courses in a hands-on and practical way. Prospective employers highly value our qualifications and constantly seek MCAST alumni to take up prestigious positions within their organisation.

We are here waiting for you so that together we embark on this most important journey of your life.

Huwa bi pjaċir nintroduċik għall-bosta programmi offruti mill-Istitut tal-Inġinerija u t-Trasport. Aħna kburin li aħna waħda mill-aqwa istituzzjonijiet edukattivi lokali li noffru korsijiet fl-inġinerija mekkanika, l-avjazzjoni, l-inġinerija tal-kostruzzjoni, is-settur marittimu, it-teknoloġija awtomotiva, l-inġinerija elettrika u l-inġinerija elettronika.

L-Istitut tagħna joffri korsijiet li jvarjaw minn Livell 1 sa Livell 7. L-IET jipprovdi korsijiet fl-qasam li tixtieg int, tkun xi tkun l-esperjenza edukattiva tiegħek. Huwa importanti li nenfasizzaw li l-korsijiet kollha huma mfassla u mmexxija f'kollaborazzjoni mill-qrib mal-industrija. Dan jiżgura li t-taħriġ huwa kurrenti u mmirat biex jipprovdule karriera sodisfaċenti fl-qasam tal-għażla tiegħek.

Il-faċilitajiet jinkludu laboratorji u ħwienet tax-xogħol li huma mwaqqfa b'taġħmir mill-aktar avvanzat għax nemmu bis-siġħ li nwaslu l-korsijiet tagħna b'mod prattiku. Dawk li jhaddmu lill-istudent tagħna japprezzaw l-kwalifiki u kontinwament ifittxu l-alumni tal-MCAST biex jieħdu pożizzjonijiet prestiġjużi fi ħdan l-organizzazzjoni tagħhom.

Aħna qegħdin hawn nistennewk biex flimkien nidhlu għal dan l-iktar vjaġġ importanti ta' ħajtek.

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- **215** Bachelor of Science (Honours) in Marine Engineering

Introductory Certificate in ENGINEERING

COURSE CODE

MV1-01-21

This programme provides an opportunity to prospective learners to explore basic principles and applications related to Engineering. The course will assist learners in developing technical skills. The vocational units are designed to provide learners with tool handling techniques, which would include soldering, material cutting and shaping, and assembly of electrical, electronic and mechanical components. Learners will have the opportunity to build simple projects which would be functional and useful. They are also given the opportunity to enhance their key skills: English, Maltese, Mathematics, Science and Individual and Social Responsibility through vocational content. These key skills subjects are mostly embedded into each vocational area, thus promoting the practical aspect of these subjects.

Dan il-programm jipprovdi lill-istudenti prospettivi l-opportunità li jexploraw prinċipji u applikazzjonijiet bażiċi relatati mal-Inginerija. Il-kors jgħin lill-istudenti biex jżviluppaw ħiliet tekniċi. L-unitajiet vokazzjonali huma mfassla biex jipprovdu lill-istudenti t-teknika ta' kif wieħed għandu jzomm l-għodda biex jistanja, jaqta' u jiffurma materjali, u jgħaqqad komponenti elettrici, elettronici u mekkaniċi. L-istudenti jkollhom l-opportunità li jibnu proġetti sempliċi li jkunu funzjonali u utli. Huma jingħataw ukoll l-opportunità li jsaħħu l-ħiliet ewlenin tagħhom fl-Ingliż, il-Malti, il-Matematika, ix-Xjenza u r-Responsabbiltà Individwali u Soċjali, permezz tal-kontenut vokazzjonali. Dawn is-sugġetti tal-ħiliet ewlenin huma ġeneralment inkorporati f'kull qasam vokazzjonali, u għaldaqstant jippromwov u dan l-aspett prattiku ta' dawn is-sugġetti.

ENTRY REQUIREMENTS

Finished compulsory education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Introductory Certificate in **CONSTRUCTION ENGINEERING**

COURSE CODE
MV1-02-21

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 Individual and 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, il-plumbing, ix-xogħol fil-metall, il-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 Individwali u Soċjali huma wkoll parti mill-komponent tal-ħiliet ewlenin.

ENTRY REQUIREMENTS

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



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in ENGINEERING

COURSE CODE

MV2-01-21

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 and Individual and Social Responsibility.

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 fl-qasam tal-Inginerija li huma jixtiequ jaqbd. Dan il-programm ta' sena f'Livell 2 jipprovdi introduzzjoni wiesgħa għall-kunċetti teoretici bażiċi u l-hiliet prattici fl-Inginerija Mekkanika, Elettrika u Elettronika, u huwa tajjeb għal dawk l-istudenti li għandhom l-intenzjoni li jibdew u jkomplu jstudjaw l-Inginerija. Is-sugġetti ta' hiliet ewlenin jiffurmaw ukoll parti integrali minn dan il-programm, u jaġħtu lill-istudenti l-opportunità li jtejjbu l-kompetenzi tagħhom fl-oqsma ewlenin: l-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknoloġija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali.

ENTRY REQUIREMENTS

**Finished Compulsory Education
or MCAST Introductory Certificate;**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Foundation Certificate in **CONSTRUCTION ENGINEERING**

COURSE CODE
MV2-02-21

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-snaġġa vokazzjonali differenti relatati mal-ingerinija tal-kostruzzjoni. Fil-komponent tal-prattika vokazzjonali l-istudent ikollu l-opportunità li jittgħallem 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-hames oqsma vokazzjonali mnizzla hawn fuq, l-istudent jittgħallem ukoll id-Disinn Tekniku. L-istudenti jkollhom anke l-opportunità li jsaħħu l-hiliet ewlenin tagħhom, bħall-Ingliż, il-Malti, il-Matematika, ix-Xjenza, it-Teknoloġija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali, li huma kollha inkorporati fil-kontenut vokazzjonali.

ENTRY REQUIREMENTS

**Finished Compulsory Education
or MCAST Introductory Certificate**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in AIRCRAFT MAINTENANCE

(Incorporating EASA Part-66 CAT A Basic Course)

COURSE CODE
AE3-A1-21

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 the student to sit for the licence exams. Also, subject to authorisation by the Part-145 Organization, 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 msahħa b'esperjenza Prattika fil-livell ta' mekkanik f'workshops apposta. Il-kors jista' jwassal biex l-istudent jikseb il-liċenzja EASA Part-66 Category A u, bis-saħħa tagħha, jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, huwa jkun jista' jgħodġ Certificates of Release to Service wara xogħlijiet skedati zghar li jistgħu jinkludu l-manutenzjoni tal-linja, ir-rettifikkazzjoni ta' difetti u l-bdil ta' komponenti.



MQF LEVEL
Level 3



COURSE DURATION
2 Years full-time

60

ECVET

ENTRY REQUIREMENTS

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

Applicants will be asked to attend an Interview and/or sit for an Aptitude Test in Technical Understanding and Technical English. A pass in the Aptitude Test together with a positive outcome following a Colour Blindness test are a pre-requisite for entry into the course.

CAREER OPPORTUNITIES

**Line maintenance mechanic;
Workshop mechanic**

MODE

Apprenticeship

Diploma in **AIRCRAFT STRUCTURES AND REPAIRS**

COURSE CODE
AE3-A4-21

This MCAST diploma is intended to train the learner for competences in 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. The course is on a full-time basis and will take 12 months to be completed. 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 tħarreg lill-istudenti fil-kompetenzi relatati mal-Istrutturi u t-Tiswijiet tal-Ajruplani, li huma essenzjali għall-mekkaniks li jaħdmu f'dan ix-xogħol. Dan il-kors ta' taħriġ jinkludi Basic Aircraft Sheet Metal (Xogħol Baziku fuq Pjanċi tal-Metall tal-Ajruplani), Structures Repair Procedures (Proċeduri ta' Tiswija tal-Istrutturi) u Human Factors (Fatturi Umani), fost unitajiet oħrajn. Il-kors huwa full-time u huwa mifruq fuq 12-il xahar. Huwa maqsum fi tliet oqsma ewlenin: l-element teoretiku, l-esperjenza prattika u t-taħriġ fuq il-post tax-xogħol. Din hija opportunità għal individwi li jixtiequ jibdew jew jiżviluppaw il-karriera tagħhom fl-industrja tal-avjazzjoni.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes From: Mathematics, Physics, Graphical Communication/ Technical Drawing/Design and Technology, Engineering Technology, English Language, Chemistry

Applicants already in possession of passes in Part-66 Aircraft Mechanic Category A modules will also be considered.

CAREER OPPORTUNITIES

**Aircraft structure repair mechanic;
Aircraft maintenance mechanic;
Aircraft cabin mechanic**

MODE

Apprenticeship

Diploma in BUILDING SERVICES INSTALLATIONS

(Plumbing or Plumbing and Electrical)

COURSE CODE

AE3-A6-21

This course of study combines theoretical knowledge with practical training both off-the-job and on-work placement. The practical training is carried out in campus-based industrial workshops. Learners are expected to participate individually and in teams to install pipe systems, fittings and control systems with the use of actuators, and solar panels installations. The course includes the practical handling of hand tools, power tools and typical trade tools, such as thread cutting 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 and Individual and Social Responsibility.

Dan il-kors ta' studju jikkombina l-għarfien teoretiku mat-taħriġ Prattiku, kemm barra kif ukoll fil-post tax-xogħol. It-taħriġ Prattiku jtwettaq f'workshops industrijali bbażati fil-kampus. L-istudenti huma mistennija li jippartecipaw b'mod individwali u f'timijiet biex jinstallaw sistemi ta' pajpijiet, fittings u sistemi ta' kontroll bl-użu ta' attwaturi, kif ukoll pannelli solari. Il-kors jinkludi l-immaniġġjar Prattiku ta' għodod tal-idejn, għodod tal-elettriku u għodod tipiċi tas-snaġġa partikolari, bħal magni li jaqtgħu l-kamin. Dan il-kors jipprovdwi wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-suġġetti tal-hiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliz, il-Malti, 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

CAREER OPPORTUNITIES

Skilled worker;
Plumber;
Assistant electrician

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in **CONSTRUCTION ENGINEERING**

COURSE CODE
CE3-02-21

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 and Individual and Social Responsibility.

Dan il-kors jikkonsisti f'taħriġ li jsir fil-Kulleġġ fid-diversi hliet relatati mal-industrija tal-bini u l-kostruzzjoni. Dan jgħin lill-istudenti jsibu xogħol fis-settur jew ikompli 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' disinj tekniċi użati fl-industrija tal-kostruzzjoni. Huma jitgħallmu kif japplikaw standards ta' disinj tal-kostruzzjoni u konvenzjonijiet biex jipproduċu disinj u tpingijiet tax-xogħol professjonali. Dan il-kors jipprovd i wkoll lill-istudenti l-opportunità li jkomplu jsaħħu l-għarfien tagħhom fir-rigward tas-sugġetti tal-hliet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliż, il-Malti, 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**
Preferred: Mathematics

CAREER OPPORTUNITIES

Assistant draughtsperson;
Assistant land surveyor



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in HEATING, VENTILATION AND AIR-CONDITIONING

COURSE CODE
AE3-A3-21

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 and Individual and Social Responsibility.

Dan il-kors jipprovdi lill-istudenti għarfien essenzjali relatat mat-tishin, il-ventilazzjoni u l-kondizzjonament tal-arja (HVAC). Dan jippermetti lill-istudenti jaħdmu bħala assistenti teknixins fl-isservisjar u t-twettiq 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-filiet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliż, il-Malti, 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;**

A medical certificate for Colour Blindness is a necessary requirement to follow the course

CAREER OPPORTUNITIES

HVAC installer;
HVAC assistant;
Technician

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in **JOINERY AND FURNITURE MAKING**

COURSE CODE
AE3-A4-21

This course of studies includes theoretical knowledge and practical training both in Collegebased 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 and Individual and Social Responsibility.

Dan il-kors ta' studji 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-tnejnija u l-armar ta' prodotti tal-injam u bordijiet tal-injam biex isiru fittings tad-djar, bħal kċejjen, bibien u twieqi. L-istudenti jkunu mistennja jipparteċipaw b'mod individwali u f'timijiet biex jipproduċu prodotti sempliċi minn materjali ta' injam mastizz u materjali komposti. L-istudenti jġu mharrġa 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-Ingliż, il-Malti, 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**

CAREER OPPORTUNITIES

Assistant joiner;
Assistant carpenter;
First line operator

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in MASONRY HERITAGE SKILLS (Sewwej)

COURSE CODE
CE3-A5-21

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 hilet prattici kif ukoll teoretiċi li jwasslu lill-istudenti biex jippartecipaw b'mod limitat f'interventi tar-restawr tal-ġebbla. L-istudenti li jtemmu dan il-kors b'suċċess jistgħu jkomplu l-istudji tagħhom fl-kors ta' livell oghla fir-restawr. Matul il-programm, l-istudenti jkollhom l-opportunità li jiksbu l-hilet neċessarji ta' manutenzjoni, protezzjoni u preservazzjoni, jifhemu t-teknika tat-thejġija u r-registrazzjoni u japplikaw proċeduri 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-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)

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Diploma in WELDING AND FABRICATION

COURSE CODE
AE3-A8-21

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 and Individual and Social Responsibility.

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 jippartecipaw b'mod individwali u f'timijiet biex jiffabbrikaw prodotti wweldjati. L-istudenti jkollhom l-opportunità li jużaw għodod tal-idejn u tal-elettriku, kif ukoll settijiet tal-iwweldjar, b'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-sugġetti tal-hiliet ewlenin, bħall-Matematika, ix-Xjenza, l-Ingliż, il-Malti, it-Teknologija tal-Infommazzjoni u r-Responsabbiltà Individwali u Soċjali.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Welding and fabrication tradesperson

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Diploma in ELECTRICAL INSTALLATIONS

COURSE CODE
EE3-A1-21

This programme is the first stage for a learner who is interested in a career in electrical systems, such as that of an Electrician within the construction industry. It contributes towards an understanding of the relevant theory and allows learners to develop the practical skills required in this field. The programme consists of twelve modules, out of which six are vocational related and the rest are key skills related. Vocational modules focus on the basics of wiring electrical installation circuits using different cables and containment, electrical installation regulations, and health and safety requirements governing electrical installation processes. The rest of the modules provide an opportunity for learners to have adequate skills in Maltese, English, Mathematics, Information Technology, and Science and Technology.

Dan il-programm huwa l-ewwel stadju għal studenti li huma interessati f'karriera f'sistemi elettrici, bħal dik ta' Elektrixin fl-industrija tal-konstruzzjoni. Il-kors jikkontribwixxi biex l-istudenti jifhmu t-teorija rilevanti u jżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Il-programm jikkonsisti fi tnaax-il unità ta' studju, li minnhom sitta huma vokazzjonali u l-oħrajn huma relatati mal-ħiliet ewlenin. L-unitajiet vokazzjonali jiffokaw fuq l-elementi bażiċi biex wieħed jgħaddi wajers biex jinstalla ċirkwiti tal-elettriku permezz ta' kejbils u containment differenti; fuq ir-regolamenti dwar l-installazzjoni tal-elettriku; u fuq ir-rekwiżiti tas-saħħa u s-sigurtà li jirregolaw il-proċessi tal-installazzjoni tal-elettriku. Il-bqija tal-unitajiet jipprovdur lill-istudenti l-opportunità li jkollhom ħiliet adegwati fil-Malti, l-Ingliż, il-Matematika, it-Teknoloġija tal-Infommazzjoni, u x-Xjenza u t-Teknoloġija.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes
Preferred: Mathematics or Physics or Engineering Technology;

A medical certificate testing Colour Blindness is a necessary requirement for this course

CAREER OPPORTUNITIES

**Assistant electrician;
Machine operator**

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in **ENGINEERING** (Electronics)

COURSE CODE
EE3-A2-21

This programme is intended for learners who are interested in starting a career in the field of electronics. It enables learners to further their studies at higher levels and subsequently find employment in the field of electronics. The programme consists of twelve modules, out of which six are vocational while the other six address the vocational hands-on training. The vocational modules focus on the functions of electronic components, the electronic circuit design, the operation of electronic systems, the installation and configuration of PC hardware and software, interpreting engineering information, and working safely and effectively in the workplace. The key skills modules provide an opportunity for learners to gain adequate skills in Maltese, English, Mathematics, Information Technology, and Science and Technology. Furthermore, learners will receive guidance in their personal development.

Dan il-programm huwa maħsub għal studenti li huma interessati li jibdew karriera fil-qasam tal-elettronika. Il-kors jippermetti lill-istudenti jkomplu jistudjaw fl'livelli oghla, biex eventwalment isibu impjeg fil-qasam tal-elettronika. Il-programm jikkonsisti fi tnaqqas ta' studju, li minnhom sitta huma vokazzjonali filwaqt li s-sitta l-oħra jindirizzaw it-taħriġ prattiku vokazzjonali. L-unitajiet vokazzjonali jiffokaw fuq il-funzjonijiet ta' komponenti elettronici, id-disinn taċ-ċirkwit elettroniku, l-operat ta' sistemi elettronici, l-installazzjoni u l-konfigurazzjoni ta' hardwer u softwer tal-PC, l-interpretazzjoni tal-informazzjoni tal-inġinerija, u l-ħidma b'mod sikur u effettiv fuq il-post tax-xogħol. L-unitajiet tal-ħiliet ewlenin jipprovdu lill-istudenti l-opportunità li jiksbu ħiliet adegwati fil-Malti, l-Ingliż, il-Matematika, it-Teknoloġija tal-Infommazzjoni, u x-Xjenza u t-Teknoloġija. Barra minn hekk, l-istudenti jirċievu gwida fl-iżvilupp personali tagħhom.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes
Preferred: Mathematics or Physics or Engineering Technology;

A medical certificate testing Colour Blindness is recommended for this course

CAREER OPPORTUNITIES

**Assistant technician on electronic equipment;
Machine operator**

MODE

Apprenticeship

Diploma in **AUTOMOTIVE REPAIR** (Body and Paint)

COURSE CODE
MV3-A1-21

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, and Individual and Social Responsibility.

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 jipprovi wkoll lill-istudenti l-hiliet meħtieġa biex iwettqu tiswijiet fir-rigward taz-żebgħa, f'konformità mal-ispeċifikazzjonijiet tal-fabbrika. Hekk, huma jiksbu taħlita ta' għarfien teoretiku u hiliet prattici fir-rigward tat-tiswija tal-karozzi li jkunu involuti f'incident tat-traffiku (jigifieri jtellgħu d-daqqiet [panel beating]) flimkien mal-prinċipji bażici taz-żebgħa. Huwa mistenni li l-istudenti jwettqu prattici 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 jtejbu l-għarfien tagħhom fis-sugġetti ta' hiliet ewlenin bħall-Matematika, l-Ingliż, il-Malti, 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
Preferred: Mathematics;

A medical certificate testing Colour Blindness is a necessary requirement for the course.

CAREER OPPORTUNITIES

Panel beater;
Body repair mechanic on vehicles, white goods etc

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in LIGHT VEHICLE SERVICING

COURSE CODE
MV3-A2-21

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 jiżviluppaw 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-ghodda relatata b'mod sikur. L-istudenti jiżviluppaw 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-sugġetti tal-ħiliet ewlenin, bħall-Ingliż, il-Malti, il-Matematika, it-Teknoloġija tal-Infommazzjoni, u r-Responsabbiltà Individwali u Soċjali.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level passes/SSC&P (Level 3) passes
Compulsory: Mathematics or Physics;
As from 2023 the Mathematics SEC/O-Level/SSC&P (Level 3) pass will become compulsory;
Medical test, Physical Aptitude Test and Interview.

CAREER OPPORTUNITIES

Light vehicle service mechanic;
Assistant light vehicle mechanic;
Assistant fitter

MODE

Apprenticeship

Diploma in MECHANICAL ENGINEERING

COURSE CODE
ME3-A3-21

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 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-ivell bażiku. Dawn jistgħu jiġu msahħa permezz ta' esperjenza ta' xogħol. It-tagħlim iseħh permezz ta' lezzjonijiet fil-klassi, fil-workshops u fil-laboratorji, u bit-tweqqiq ta' proġetti u assignments li hafa drabi jkunu bbażati fuq sitwazzjonijiet realistiċi fuq il-post tax-xogħol. Il-kors ikopri l-għarfien u l-hiliet 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-Fizika, l-Engineering Drawing u t-Teknoloġija tal-Infommazzjoni.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes
Preferred: Mathematics or Physics or Chemistry or Engineering Technology

CAREER OPPORTUNITIES

**Machine operator;
Technical operator;
Assistant technician**

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

CHIEF MATE

COURSE CODE
MS-02-21

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 Competence 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 bhala Chief Mate. It-taħriġ ipprovdut huwa fil-livell manigerjali u l-istudenti li jattendu dan il-kors huma mistennija jiddedikaw hafna hin għall-istudji tagħhom u li jilbsu uniformi tal-marina merkantili waqt li jkun 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 jkun 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 bhala korsijiet qosra obbligatorji biex jinkiseb iċ-Ċertifikat ta' Kompetenza ta' Chief Mate.



COURSE DURATION
1 Year full-time

ENTRY REQUIREMENTS

**Letter of eligibility from Transport Malta.
Valid OIC Navigational Watch Certificate of Competency plus 12 months at sea in that capacity;**

Medical Test

CAREER OPPORTUNITIES

**Chief officer on sea-going merchant ships as second in command after the Captain;
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;
Ship surveyor;
Cargo surveyor;
Ship security officer**

Diploma in DECK OPERATIONS

COURSE CODE
MS3-01-21

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 kif ukoll jistgħu jaslu biex jilhqqu Uffiċjal fil-Kariga ta' Għassa tan-Navigazzjoni, iżda li għad m'għandhomx ir-rekwiziti tad-dhul. 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 jkksbu ħin ta' servizz siewi fuq il-baħar, jew impjeg f'marina qrib il-kosta. Id-Diploma in Deck Operations tipprovd i bażi soda fl-għarfien ġenerali dwar il-bastimenti, it-tbaħħir u n-navigazzjoni kif ukoll fehim bażiku tal-ambjent leġiżlattiv 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-rekwiziti l-oħra ta' Transport Malta.

ENTRY REQUIREMENTS

**MCAST Foundation Certificate
or 2 SEC/O-Level/SSC&P (Level 3) passes
Preferred: Mathematics, English Language**

CAREER OPPORTUNITIES

**Deck crew;
Shipping clerk;
Water clerk with a shipping agency;
Mooring man person**



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Advanced Diploma in **AIRCRAFT MAINTENANCE** (Aeroplanes – Turbine Engines)

COURSE CODE
AE4-A1-21

This programme is designed to equip learners with the necessary theoretical knowledge of aircraft maintenance and related mechanical systems at technician level, which 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 Organization, 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 program in the sector and gives the opportunity for the learner to obtain an advanced diploma apart from sitting for the EASA exams. 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 or Electronics.

Dan il-programm huwa mfassal biex jipprovdi lill-istudenti l-għarfien teoretiku neccessarju dwar is-sistemi ta' manutenzjoni tal-gjruplani u sistemi mekkaniċi oħra relatati fil-livell ta' teknixin. Dan huwa msahħaħ 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-ghoti tal-licenzja EASA Part-66 Category B1.1. Permezz ta' din il-licenzja, wieħed ikun jista' jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, johroġ 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 elettrici. Matul il-kors, il-mizati tal-eżamijiet tad-Direttorat tal-Avjazzjoni Ċivili jithallsu mill-istudent. Dan il-kors hu innovattiv għax l-istudenti li jtemmu l-kors b'suċċess ikunu eliġibbli għal diploma b'livell avanzat apparti li jistgħu joqgħodu għall-eżamijiet tal-EASA. Studenti li jtemmu b'suċċess dan il-kors jistgħu jipprogressaw għal kors tal-Undergraduate Diploma in Foundations of Engineering, liema kors jagħti aċċess għall-baċellarat fl-inġinerija.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

EASA Part-66 Aircraft Maintenance Category A Licence Course
or **Any MCAST MQF Level 3 Diploma offered by the Institute of Engineering and Transport (Applicants must have obtained grades that when averaged will yield an overall Grade B) or 4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: Mathematics, Physics (Grade 4 or better), English Language;

Applicants will be asked to attend an Interview and/or sit for an Aptitude Test in Technical Understanding and Technical English. A pass in the Aptitude Test together with a positive outcome following a Colour Blindness test, are a pre-requisite for entry to the course.

CAREER OPPORTUNITIES

**Line maintenance technician;
Base maintenance technician;
Workshop technician**

MODE

Apprenticeship

Advanced Diploma in AIRCRAFT MAINTENANCE (Avionics)

COURSE CODE
ME4-A2-21

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 Organization, 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 program in the sector and gives the opportunity for the learner to obtain an advanced diploma apart from sitting for the EASA exams. 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 or Electronics.

Dan il-programm huwa mfassal biex jipprovdi lill-istudenti l-għarfien teoretiku neccessarju dwar is-sistemi ta' manutenzjoni ta' inġenji tal-oġru u sistemi elettronici u avjonici oħra relatati fil-livell ta' teknixin. Dan l-għarfien huwa msahħah 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 jawsslu għall-ghoti tal-licenzja EASA Part-66 Category B2. Permezz ta' din il-licenzja, wieħed ikun jista', jekk ikollu l-awtorizzazzjoni mill-Part-145 Organisation, johroġ Certificates of Release wara xogħol ta' manutenzjoni fuq sistemi elettrici u avjonici. Dan il-programm jinkludi taħriġ u Prattika relatati max-xogħol. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkoncernati. Waqt il-kors, l-istudent ikollu l-possibbiltà li jikseb Advanced Diploma, li jfisser li jkun jista' jkompli jistudja fil-livell ta' bacellerat. Dan il-kors hu innovattiv għax l-istudenti li jtemmu l-kors b'suċċess ikunu eliġibbli għal diploma b'livell avanzat apparti li jistgħu joqgħodu għal eżamijiet tal-EASA. Studenti li jtemmu b'suċċess dan il-kors jistgħu jipprogressaw għal kors tal-Undergraduate Diploma in Foundations of Engineering, liema kors jagħti aċċess għall-bacellarat għall-inġinerja.

ENTRY REQUIREMENTS

EASA Part-66 Aircraft Maintenance Category A Licence Course or Any MCAST MQF Level 3 Diploma offered by the Institute of Engineering and Transport (Applicants must have obtained grades that when averaged will yield an overall Grade B) or 4 SEC/O-Level/SSC&P (Level 3) passes Compulsory: Mathematics, Physics (Grade 4 or better), English Language;

Applicants will be asked to attend an Interview and/or sit for an Aptitude Test in Technical Understanding and Technical English. A pass in the Aptitude Test together with a positive outcome following a Colour Blindness test, are a pre-requisite for entry to the course.

CAREER OPPORTUNITIES

**Base maintenance technician;
Avionics workshop technician;
Pipe welding specialist (pipe welder and fabricator)**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Year full-time

120

ECVET

Advanced Diploma in **AVIATION OPERATIONS**

COURSE CODE
ME4-A6-21

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 learners can progress to 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-industrja tal-avjazzjoni lil dawk l-istudenti li jixtiequ karriera f'wieħed mill-oqsma ta' din l-industrja. Il-programm jista' jwassal għal xogħol fl-ajruport, bħal kuntatt mal-passiġġieri, xogħol fuq ir-rampa, hatt 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 jspeċjalizza fis-settur. L-elementi teoretici huma msaħħa b'elementi prattiċi. L-istudenti li jirnexxu f'dan il-kors jistgħu jkomplu l-istudji tagħhom fil-Bachelor of Arts (Honours) in Business Enterprise. Il-programm jinkludi taħriġ u Prattika f'xogħol relatat mas-settur. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Passenger check-in;
Passenger services;
Flight operations;
Aircraft dispatch;
Ground handling

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in BUILDING SERVICES ENGINEERING

COURSE CODE
CE4-A7-21

This course offers learners training in a wide range of building services systems in both the Mechanical and the Electrical fields. Energy conservation and environmental impact are two themes that cut across most study-units in this programme of study. This enables learners to carry out duties at a technical level. Qualified technicians are continuously required in building services design and installation companies to work on new installations, or to refit or carry out maintenance or servicing on existing installations in order to upgrade them to the requirements of new regulations. This course includes training both in College-based industrial workshops as well as in an industry-based apprenticeship, providing learners with a holistic training in the sector.

Dan il-kors joffri taħriġ f'firxa wiesgħa ta' sistemi ta' servizzi tal-bini, fl-oqasma kemm Mekkanici kif ukoll Elettrici. Il-konservazzjoni tal-enerġija u l-impatt ambjentali huma żewġ temi li jidhlu f'hafna unitajiet ta' studju ta' dan il-programm ta' studju. Dan jippermetti lill-istudenti jwettqu dmirijiet fil-livell tekniku. Teknixins kwalifikati huma kontinwament meħtieġa f'kumpaniji tad-disinn u l-installazzjoni tas-servizzi tal-bini biex jaħdmu fuq installazzjonijiet godda, jew biex jirrinovaw dawk qodma jew iwettqu xogħol ta' manutenzjoni jew ta' servisjar fuq installazzjonijiet eżistenti, sabiex dawn ikunu jissodisfaw ir-rekwiziti ta' regolamenti godda. Dan il-kors jinkludi taħriġ kemm f'workshops industrijali bbażati fil-Kulleġġ, kif ukoll f'apprendistat fl-industrija, b'tali mod li l-istudenti jirċievu taħriġ holistiku fis-settur.

ENTRY REQUIREMENTS

MCAST Diploma in Heating, Ventilation and Air-Conditioning
or **MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical)**
or **MCAST Diploma in Electrical Installations**
or **MCAST Diploma in Engineering (Electronics)**
or **MCAST Diploma in Mechanical Engineering**
or **MCAST Diploma in Construction Engineering**
or **4 SEC/O-Level/SSC&P (Level 3)** passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

CAREER OPPORTUNITIES

Draughtsperson;
Tendering and estimating technician;
Quality assurance technician

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET



Advanced Diploma in CONSTRUCTION ENGINEERING

COURSE CODE
CE4-A6-21

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, Roads and Project Management. This course includes work-related training and practice.

Dan il-kors jinkludi kemm taħriġ li jsir fil-Kulleġġ kif ukoll taġħlim fil-post tax-xogħol. Dan jipprovi 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-Isthariġ tal-Kwantità, l-Isthariġ 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 l-inġinerija ċivili u dik tat-toroq. Huma jkunu jistgħu jwettqu dmirijiet relatati mad-Disinn, l-Isthariġ tal-Kwantità, l-Isthariġ tal-Art, l-Inġinerija Ġeospazjali, l-Infommazzjoni Ġeografika, il-Ġestjoni tat-Toroq u ta' Proġetti. Dan il-kors jinkludi taħriġ u prattika relatati mas-settur.

ENTRY REQUIREMENTS

MCAST Diploma in Heating, Ventilation and Air-Conditioning
or **MCAST Diploma in Construction Engineering**
or **MCAST Diploma in Joinery and Furniture Making**
or **MCAST Diploma in Trowel Trades (Plastering and Tile Laying or Painting and Decorating)**
or **MCAST Diploma in Masonry Heritage Skills (Sewwej)**
or **MCAST Diploma in Welding and Fabrication**
or **MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical)**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

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



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

MODE

Apprenticeship

Advanced Diploma in **HEATING, VENTILATION AND AIR-CONDITIONING**

COURSE CODE
AE4-A1-21

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 jipprovdi lill-partecipanti l-għarfien u l-hiliet li titlob l-industrija tat-Tishin, 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 jiksbu 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 hiliet u attributi personali essenzjali biex jagħmlu suċċess f'karrieri relatati. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical)
or **MCAST Diploma in Construction Engineering**
or **MCAST Diploma in Heating, Ventilation and Air Conditioning** or **MCAST Diploma in Welding and Fabrication**
or **MCAST Diploma in Electrical Installations** or **MCAST Diploma in Engineering (Electronics)**
or **MCAST Diploma in Mechanical Engineering** or **4 SEC/O-Level/SSC&P (Level 3)** passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

CAREER OPPORTUNITIES

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

MODE

Apprenticeship

Advanced Diploma in JOINERY, FURNITURE DESIGN AND MANUFACTURING

COURSE CODE

AE4-A2-21

This diploma course is aimed at students intending to embark in 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. Applicants need to be able to work within the industries concerned. Applicants applying through the Secondary Education Certificate route may be requested to complete an additional Level 4 preparatory year if they do not have prior exposure and experience in the sector.

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 fl-Kulleġġ, kif ukoll fl-industrija waqt apprendistat jew esperjenza ta' xogħol. L-istudenti jitgħallmu kif janalizzaw u jipprovdu soluzzjonijiet għal prodotti tipiċi tal-ghamara bl-użu ta' njam mastizz u materjali komposti. L-istudenti jkunu mistennija jippartecipaw b'mod individwali u f'timijiet biex jipproduċu prodotti manifatturati bl-injam mastizz jew materjali komposti. L-applikanti għandhom ikunu kapaċi jaħdmu fl-industriji kkonċernati. L-applikanti li japplikaw permezz taċ-Ċertifikat tal-Edukazzjoni Sekondarja jistgħu jiġu mitluba jagħmlu sena preparatorja addizzjonali f'Livell 4, jekk ma jkollhomx esperjenza jew qatt ma jkunu ġew esposti għal xogħol f'dan is-settur.

ENTRY REQUIREMENTS

MCAST Diploma in Joinery and Furniture Making
or **MCAST Diploma in Construction Engineering**
or **MCAST Diploma in Automotive Repair (Body and Paint)**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: **English, Mathematics, Technical Drawing, Engineering Technology, Graphical Communication**

CAREER OPPORTUNITIES

Carpenter;
Furniture design supervisor/manager;
Tendering and estimating manager (joinery and furniture making)

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET



Advanced Diploma in MASONRY HERITAGE SKILLS (Mastru)

COURSE CODE
CE4-A3-21

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 jipprovi 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 jġġeneraw 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 preservazzjoni, u japplikaw tekniki ta' tindif u ttestjar. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Trowel Trades (Plastering and Tile Laying or Painting and Decorating)
or **MCAST Diploma in Construction and Stone Masonry**
or **MCAST Diploma in Construction Engineering**
or **MCAST Diploma in Heating, Ventilation and Air-Conditioning**
or **MCAST Diploma in Masonry Heritage Skills (Sewwej)**
or **MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical)**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: English, Physics, Chemistry, Engineering Technology

CAREER OPPORTUNITIES

Mastru in the field of stone masonry heritage skills;
Stone masonry heritage sites supervisor

MODE

Apprenticeship

Advanced Diploma in **PLUMBING AND LIQUID PETROLEUM GAS SYSTEMS**

COURSE CODE
CE4-A4-21

This course combines theoretical knowledge and practical training both in College-based industrial workshops and in an industry-based apprenticeship or work placement. Learners will learn how to analyse and generate solutions to perform typical plumbing installations, alterations, repairs and planned maintenance. Learners are expected to participate individually and in teams to install pipe systems and fittings and accessories of domestic, commercial and industrial installations. The course also covers liquid petroleum gas (LPG) systems installed to REWS/MSA standards. Applicants need to be able to work within the industries concerned.

Dan il-kors jikkombina l-għarfien teoretiku u t-taħriġ prattiku kemm f'workshops industrijali bbażati fil-Kulleġġ kif ukoll waqt apprendistat jew esperjenza ta' xogħol fl-industrija. L-istudenti jitgħallmu janalizzaw u jiġġeneraw soluzzjonijiet biex jagħmlu xogħol tipiku ta' installazzjonijiet ta' plumbing, tibdil, tiswijiet u manutenzjoni ppjanata minn qabel. L-istudenti jkunu mistennija jipparteċipaw b'mod individwali u f'timijiet biex jinstallaw sistemi ta' pajpijiet u fittings u aċċessorji ta' installazzjonijiet domestiċi, kummerċjali u industrijali. Il-kors ikopri wkoll sistemi tal-gass likwifikat miż-żejt (LPG) installati skont l-istandards tar-REWS/MSA. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Construction Engineering or MCAST Diploma in Heating, Ventilation and Air-Conditioning or MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical) or MCAST Diploma in Welding and Fabrication or MCAST Diploma in Electrical Installations or MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Mechanical Engineering or 4 SEC/O-Level/SSC&P (Level 3) passes Preferred: English, Engineering Technology, Mathematics, Graphical Communication, Design and Technology

CAREER OPPORTUNITIES

Domestic, commercial and industrial plumber; Installation, maintenance and repair technician

MODE

Apprenticeship

Advanced Diploma in WELDING AND FABRICATION

COURSE CODE
AE4-A5-21

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. Applicants coming in through the Secondary Education Certificate route may be requested to complete an additional Level 4 preparatory year if they do not have prior exposure and experience in the sector.

Dan il-kors jikkombina l-għarfien teoretiku u t-taħriġ Prattiku li jsir f'workshops industrijali bbażati fil-Kulleġġ. L-istudenti jkunu mistennija jippartecipaw b'mod individwali u f'timijiet biex jiffabbrikaw prodotti wweldjati. Huma jitgħallmu kif janalizzaw u jiġġeneraw soluzzjonijiet relatati mal-fabbrikazzjoni tipika permezz ta' pjanci u pajpijiet irqaq. L-istudenti jingħataw ukoll l-opportunità li jseguw Apprendistat biex itejbu l-esperjenza Prattika tagħhom. Sabiex ikunu jistgħu japprezzaw l-importanza ta' ġestjoni tajba tal-produzzjoni, matul il-kors jiġu organizzati zjarat sorveljati f'postijiet tax-xogħol fejn il-produzzjoni hija kumplessa. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati. L-applikanti li jidhlu permezz ta' Ċertifikat tal-Edukazzjoni Sekondarja jistgħu jiġu mitluba jagħmlu sena preparatorja addizzjonali f'Livell 4, jekk ma jkollhomx esperjenza jew qatt ma jkunu ġew esposti għal xogħol f'dan is-settur.

ENTRY REQUIREMENTS

MCAST Diploma in Welding and Fabrication
or **MCAST Diploma in Construction Engineering**
or **MCAST Diploma in Automotive Repair (Body and Paint)**
or **MCAST Diploma in Light Vehicle Servicing**
or **MCAST Diploma in Mechanical Engineering**
or **MCAST Diploma in Aircraft Structures and Repairs**
or **MCAST Diploma in Engineering (Electronics)**
or **MCAST Diploma in Electrical Installations or 4 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: English, Mathematics, Engineering Technology, Technical Drawing, Graphical Communication, Design and Technology

CAREER OPPORTUNITIES

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

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET



Advanced Diploma in INDUSTRIAL ELECTRONICS

SPECIALISATION OPTIONS:

Computer Technology, Biomedical Technology, Telecommunications Technology, Control Technology, Electrical Power Technology, Domestic Installations or Electronic Circuit Manufacturing

COURSE CODE

EE4-A1-21

This course gives a good grounding in electronics including different aspects through class-based delivery and hands-on practical workshops and projects. Learners are introduced to the creation of electronic systems in diverse fields, such as industrial electronics, transportation, computer engineering, communications and biomedical engineering. In the first and second year of the course one will cover the core aspects of electronics engineering while in the final year learners will be required to select elective modules from: Computer Technology, Biomedical Technology, Telecommunications Technology, Control Technology, Electrical Power Technology, Domestic Installations and Electronic Circuit Manufacturing. Availability of particular electives will be subject to a minimum number of applications.

Dan il-kors jipprovdi bazi tajba fl-elettronika fejn l-istudent jiġi espost għal aspetti differenti permezz ta' lezzjonijiet fil-klassi, kif ukoll prattika fil-workshops u fuq proġetti li jinvolvu xogħol prattiku. L-istudenti huma introdotti għall-ħolqien ta' sistemi elettronici f'diversi oqsma, bħall-elettronika industrijali, it-trasportazzjoni, l-inġinerija tal-kompjuters, il-komunikazzjoni u l-inġinerija bijomedika. 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 mehtieġa jagħzlu mill-unitajiet li ġejjin: it-Teknoloġija tal-Kompjuter, it-Teknoloġija Bijomedika, it-Teknoloġija tat-Telekomunikazzjoni, it-Teknoloġija tal-Kontroll, it-Teknoloġija tal-Enerġija Elettrika, l-Installazzjonijiet Domestiċi u l-Manifattura taċ-Ċirkwit Elettroniku. Id-disponibbiltà ta' ċerti suġġetti tiddependi fuq numru minimu ta' studenti.

ENTRY REQUIREMENTS

MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Electrical Installations or MCAST Diploma in ICT or MCAST Diploma in Heating, Ventilation and Air-Conditioning or MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical) or MCAST Diploma in Welding and Fabrication or MCAST Diploma in Automotive Repair (Body and Paint) or MCAST Diploma in Light Vehicle Servicing or MCAST Diploma in Mechanical Engineering or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics;

A medical certificate testing Colour Blindness is recommended for this course

CAREER OPPORTUNITIES

Electronics technician

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

Advanced Diploma in **ELECTRICAL SYSTEMS**

COURSE CODE
EE4-A2-21

This course is intended for learners who wish to embark on 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 Engineering and Electronic Control Systems that give candidates a solid grounding in the engineering 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 teknixins 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-Wajers tal-Elettriku. Dan jipprovdi 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 Fotovoltajiċi, Sistemi tal-Inginerija tas-Servizzi tal-Bini u tal-Kontroll Elettroniku, li jipprovdu lill-istudenti bażi soda għall-inginerija involuta fl-industrija tas-servizzi tal-bini. Il-kandidati jwettqu wkoll prattika f'Workshop Mekkaniku.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Electrical Installations or MCAST Diploma in ICT or MCAST Diploma in Heating, Ventilation and Air-Conditioning or MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical) or MCAST Diploma in Welding and Fabrication or MCAST Diploma in Automotive Repair (Body and Paint) or MCAST Diploma in Light Vehicle Servicing or MCAST Diploma in Mechanical Engineering or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics;

A medical certificate testing Colour Blindness is recommended for this course

CAREER OPPORTUNITIES

**Electrician;
Electrical technician (plant)**

MODE

Apprenticeship

Advanced Diploma in LIGHT VEHICLE MAINTENANCE

COURSE CODE
MV4-A7-21

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. Applicants coming in through the O-Level route may be requested to complete an additional Level 4 preparatory year if they do not already have exposure and experience within the area in question.

Din il-kwalifika hija ghal kandidati li jixtiequ jizviluppaw xi wħud mill-hiliet 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 għarfen tajjeb tal-ghodod u apparat ta' kejl, kif ukoll dwar il-manutenzjoni ta' rutina ta' vetturi zġhar. L-istudenti jkunu mistennija jifhmu kif inhuma mibnija u kif jaħdmu l-istearing, is-sistema tas-suspension u hafna sistemi oħra importanti (inkluzi dawk mekkaniċi u elettriċi). 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. L-applikanti li jidhlu għal dan il-kors bl-O-Levels jistgħu jiġu mitluba jaġhmlu sena preparatorja addizzjonali f'Livell 4, jekk ma jkollhomx diġà esperjenza ta' xogħol f'dan is-settur.

ENTRY REQUIREMENTS

MCAST Diploma in Automotive Light Vehicle Servicing
or **MCAST Diploma in Mechanical Engineering**
or **MCAST Diploma in Aircraft Maintenance**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: One subject from Mathematics
or **Physics and one subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics;**

Applicants may be required to sit for an Aptitude Test and/or attend an Interview before being accepted to join the course.

CAREER OPPORTUNITIES

Motor vehicle technician;
Service technician;
VRT technician

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

Advanced Diploma for **POLYMER PROCESS TECHNICIANS**

COURSE CODE
ME4-A3-21

This Advanced Diploma programme is designed to prepare technicians for a career in the field of the transformation of rubbers and plastics, with their different types and compositions, into finished specialised products. It provides a good level of knowledge in the fields of polymer sciences and manufacturing technologies. The scientific background of the technologies and processes involved, including material properties, process control and the effect of variables such as temperature, pressure, and cycle time, are also studied. Training is achieved through a combination of theory and practical sessions of this latest technology in the lecture rooms and workshops, as well as at local industry leaders of this ever-growing sector of manufacturing. Applicants have to be able to work within the industries concerned.

Dan il-programm ta' Advanced Diploma huwa mfassal biex iħejji lit-teknixins għal karriera fil-qasam tat-trasformazzjoni tal-lasktu u l-plastik, bit-tipi u l-kompożizzjonijiet differenti tagħhom, fi prodotti speċjalizzati lesti. Il-kors jipprovdi livell tajjeb ta' għarfien fl-oqsma tax-xjenzi tal-polimeri u t-teknoloġiji tal-manifattura. Matulu jiġu studjati wkoll l-isfond xjentifiku tat-teknoloġiji u l-proċessi involuti, inklużi l-proprjetajiet tal-materjali, il-kontroll tal-proċess u l-effett ta' elementi varjabbli, bħat-temperatura, il-pressjoni, u l-ħin taċ-ċiklu. It-taħriġ jinkiseb permezz ta' taħlita ta' sessjonijiet tat-teorija u tal-prattika ta' din it-teknoloġija l-aktar riċenti fil-klassijiet u l-workshops, kif ukoll għand il-mexxejja tal-industrija lokali f'dan is-settur ta' manifattura li kulma jmur qed jikber. L-applikanti għandhom ikunu kapaci jaħdmu fl-industriji kkonċernati.

ENTRY REQUIREMENTS

MCAST Diploma in Mechanical Engineering or MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

CAREER OPPORTUNITIES

**Polymer process technician;
Moulding technician;
Machine setter**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

Advanced Diploma in MANUFACTURING

COURSE CODE

ME4-A8-21

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 workrelated training and practice. Applicants have to be able to work within the industries concerned.

Dan il-programm jipprovd i-għarfien, il-fehim u l-hiliet neċessarji għal studenti li jkunu jixtiequ jibdew karriera interessanti bħala teknixin fil-qasam tal-ingerija tal-manifattura li llum huwa ta' livell teknologiku għoli. Din il-kwalifika tipprovd i-aċċess għal unitajiet aktar speċjalizzati u għalhekk twessa' u tapprofondixxi l-esperjenza bi tnejja għal sitwazzjonijiet attwali tax-xogħol. L-istudent jgħallem kif iwettaq operazzjonijiet bażiċi tal-ingerija 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-ingerija 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 kapaci jaħdmu fl-industriji kkonċernati.

ENTRY REQUIREMENTS

MCAST Diploma in Mechanical Engineering or MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

CAREER OPPORTUNITIES

**Machine setter;
 Mechanical technician;
 Production planning officer;
 Draughtsperson in basic (2D)**

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120**ECVET**



Advanced Diploma in MARINE ENGINEERING

COURSE CODE

MS4-A4-21

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 workrelated training and practice.

Dan il-programm huwa l-ewwel pass għal dawk li jixtiequ jibdew karriera fis-settur marittimu, b'opportunitajiet disponibbli kemm lokalment kif ukoll fuq livell internazzjonali. Il-kors jintroduċi l-elementi bażiċi tal-inġinerija relatata ma' bastimenti tal-baħar u huwa ideali għal dawk li jixtiequ jidhlu f'dan is-settur u jkisu 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.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Mechanical Engineering or MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes

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

CAREER OPPORTUNITIES

**Marine technician;
Ship repair technician;
Ship repair fitter**

MODE

Apprenticeship

Advanced Diploma in **OPERATIONS AND MAINTENANCE**

COURSE CODE
ME4-A5-21

This programme provides the necessary knowledge, understanding and skills for the future to those learners who wish to start a fulfilling career as 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 at work. This course includes work-related training and practice.

Dan il-programm jipprovdi l-għarfien, il-fehim u l-hiliet neċessarji għall-futur għal dawk l-istudenti li jixtiequ jibdew karriera ta' sodisfazzjon bħala teknixin fil-qasam tal-ingerinerja tal-operazzjonijiet u tal-manutenzjoni. L-istudenti jkollhom l-opportunità li jittgħallmu metodi xjentifiċi u matematiċi bażiċi, biex japplikawhom f'suġġetti bħat-termodinamika u l-magni tas-shana. L-istudenti jkunu esposti għal materjali differenti użati f'sitwazzjonijiet komuni tal-ingerinerja u l-propjetajiet tagħhom. Din il-kwalifika mhux biss tipprovdi aċċess għal unitajiet aktar speċjalizzati, iżda wkoll twessa' u tapprofondixxi l-esperjenza tal-istudenti, bi thejġija għad-dinja reali tax-xogħol. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol.



MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Mechanical Engineering or MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics

CAREER OPPORTUNITIES

**Maintenance fitter/technician;
Plant technician**

MODE

Apprenticeship

Advanced Diploma in **DECK OPERATIONS**

(Also leading to OIC Navigational Watch)

COURSE CODE

MS4-01-21

This Advanced Diploma programme is designed to prepare candidates for a career in the maritime sector. This programme also prepares such candidates to qualify for a Certificate of Competence as an Officer In Charge of a Navigational Watch on ocean-going merchant vessels. The course consists of a number of maritime related subjects such as Navigation, Meteorology, Signals, Ship Knowledge and Stability, Cargo Operations, International Regulations, and a high level of physical fitness training and leadership training in which all candidates are expected to participate. Officer Cadets are expected to wear a merchant marine uniform whilst undergoing training both ashore and on board ships. Officer Cadets attending the course will be assisted in finding a sponsor for the practical training period at sea during the third phase of training on the course. The programme eventually includes a compulsory 12 months sea placement after the first two years of the course.

Dan il-programm ta' Advanced Diploma huwa mfassal biex ihejji kandidati ghal karriera fil-qasam marittimu. Dan il-programm jipprepara wkoll lill-kandidati biex jikkwalifikaw ghal Ċertifikat ta' Kompetenza bhala Uffiċjal fil-Kariga ta' Għassa tan-Navigazzjoni fuq bastimenti merkantili li jagħmlu kummerċ barra mill-pajjiż. It-taħriġ jikkonsisti f'numru ta' suġġetti relatati mal-baħar, bħan-Navigazzjoni, il-Meteoroloġija, is-Sinjali, l-Għarfien u l-Istabbiltà tal-Vapuri, l-Operazzjonijiet tal-Merkanzija, ir-Regolamenti Internazzjonali, flimkien ma' livell għoli ta' taħriġ għal kundizzjoni fiżika tajba u taħriġ fit-tmexxija, li fihom il-kandidati kollha huma mistennija li jippartecipaw. L-Uffiċjali Kadetti li jkun qed jagħmlu l-kors jingħataw għajnunha biex isibu sponsor għal perjodu ta' taħriġ prattiku fuq il-baħar waqt it-tielet fażi ta' taħriġ fil-kors. Il-programm jinkludi 12-il xahar obbligatorji fuq il-baħar wara l-ewwel sentejn tal-kors.



MQF LEVEL
Level 4



COURSE DURATION
3 years Full Time –
2 years followed by
12 months experience
at sea

ENTRY REQUIREMENTS

4 SEC/O-Level passes/SSC&P (Level 3) passes
Compulsory: Physics, Mathematics and English
Language

Preferred: Geography and a foreign language
or MCAST Diploma in Deck Operations;

Medical Test, Physical Aptitude Test and Interview
Guidance Note: Students must have reached the
age of 18 years during their second academic year.

CAREER OPPORTUNITIES

Port inspector;
Terminal inspector;
GMDSS operator;
Cargo operator in yard/ship terminal;
Officer cadet

MODE

12 months sea placement (compulsory)

Advanced Diploma in **ROBOTICS, DRONE TECHNOLOGY, AUTOMATION AND ARTIFICIAL INTELLIGENCE**

COURSE CODE
EE4-01-21

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. Through practical experiments, this course is structured in a way that supports learners in understanding the operational characteristics and concepts of drones, automation and robotic systems. Additionally, students are guided to develop the skills required to design, install, troubleshoot, maintain and programme such systems.

Dan il-kors jipprovdli lill-istudenti għarfen introduttorju dwar it-teknika tal-intelliġenza artifiċjali u magni intelliġenti, kif ukoll dwar sistemi ta' awtomatizzazzjoni, robots u l-użu ta' drones. L-istudenti jkollhom l-opportunità li jużaw apparat u software 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 meġġuna jizviluppaw dawk il-ħiliet meħtieġa biex jiddisinjaw, jinstallaw, jidentifikaw il-problemi, jagħmlu l-maintenance u jipprogrammaw sistemi bħal dawn.

ENTRY REQUIREMENTS

MCAST Level 3 Diploma in the fields of Engineering, Science or ICT or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: Mathematics or Physics

CAREER OPPORTUNITIES

Automation technician;
Artificial intelligence technician;
Autonomous vehicle technician



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in TRANSPORTATION AND LOGISTICS MANAGEMENT

COURSE CODE

AE4-02-21

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.

Wahda mill-htigijiet ewlenin tal-industrija hija x-xiri, il-ħażna u s-safar tal-merkanzija. Fid-dinja tan-negozju tal-lum, l-għarfien dwar kif tiegħu ħsieb b'mod effettiv it-trasport u l-logistika huwa essenzjali. Dan il-kors huwa intiz 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-logistika filwaqt li jħaddnu żviluppi u sfidi teknoloġiċi. Il-kors jipprovd i wkoll lill-istudenti ħiliet soċjali, intraprenditorjali u ta' tmexxija, bil-għan li jkunu kapaċi jiffaċċjaw sfidi ta' natura logistika b'mod innovattiv, kreattiv u etiku. Studenti li jtemmu b'suċċess dan il-kors jistgħu jipprogressaw għall-BA fil-Business Enterprise.

ENTRY REQUIREMENTS

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

CAREER OPPORTUNITIES

Logistics management officer;
Warehouse management supervisor;
Shipping supervisor



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Higher Diploma in **MASONRY HERITAGE SKILLS** (Kapumastru)

COURSE CODE
CE5-01-21

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 jmxexx proġetti li jinvolvu diversi materjali tal-bini. Dan il-kors huwa maħsub għal dawk li jixtiequ jiksbu għarfien u hliet 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 jseguw l-aħjar prattiċi, kemm f'workshops u laboratorji bbażati fil-Kulleġġ, kif ukoll f'siti tal-patrimonju. Dan il-kors jipprovdi wkoll hliet ta' sħarriġ ta' kwantità kif applikati għal proġetti ta' restawr, kif ukoll introduzzjoni għall-ġestjoni ta' proġetti. Dan jippermetti lill-istudenti li jmxexx 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 **2 A-Level passes and 2 I-Level passes;**

Previous experience in the Construction industry will be considered an asset

CAREER OPPORTUNITIES

Kapumastru in the field of stone masonry heritage skills;
Stone masonry heritage sites manager

MODE

Internship



MQF LEVEL
Level 5



COURSE DURATION
2 Years full-time

120

ECTS

Undergraduate Diploma in FOUNDATIONS OF ENGINEERING

COURSE CODE
EE5-01-21

The aim of this course is to provide learners with the competence required to be able to join the Bachelor of Engineering programme through the enhancement of knowledge, skills and competences in mathematics and physics. The programme also includes study-units in electrical engineering, mechanical engineering, materials science 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-hiliet meħtieġa sabiex ikunu jistgħu jidhru għall-programm tal-Bacellerat tal-Inginerija billi jgħinjom jiżviluppaw iktar l-għarfien, il-hiliet u l-kompetenzi tagħhom fil-matematika u l-fizika. Dan il-programm jinkludi wkoll unitajiet ta' studju fil-ingerija elettrika, l-ingerija mekkanika, ix-xjenza tal-materjali 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 dawk l-istudenti li jkunu lestew Diploma Avanzata u b'hekk jagħtihom l-opportunità li jsibu impjeg fil-middle management fl-oqsma tal-ingerija.

ENTRY REQUIREMENTS

MCAST MQF Level 4 qualification from the Institute of Engineering of Transport or Institute of ICT or Institute of Applied Sciences

**or 2 A-Level passes and 2 I-Level passes
Compulsory A-Levels: Physics, Mathematics (Pure or Applied)**

or An EASA Part-66 Licence B1.1 or Licence B2



MQF LEVEL
Level 5



COURSE DURATION
1 Year full-time

60

ECTS

Bachelor of Science (Honours) in **QUANTITY SURVEYING**

COURSE CODE
CE6-04-21

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 fixxa ta' dixxiplini relatati mal-kostruzzjoni. Matul il-programm, l-istudent jizviluppa fehim komprensiv tad-dixxiplini li fuqhom huma bbażati l-ġestjoni tal-kostruzzjoni u l-professjonijiet tal-istharrig. Dan l-gharfien jinkludi sugġetti bħall-ekonomija, il-liġi, il-prattika tal-industrija u t-teknologija tal-bini. Matul il-kors issir enfasi qawwija fuq ix-xogħol fuq proġett u l-istudenti jiġu mhegġa 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 sugġett ta' riċerka tal-għażla tagħhom u proġett ta' sharrig tal-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 Compulsory A-Levels: At least one A-Level pass from Accounts, Engineering Drawing, Mathematics (Pure or Applied), Physics Preferred I-Levels: Engineering Drawing, Graphical Communication;**

Knowledge of CAD will be considered an asset

CAREER OPPORTUNITIES

Quantity surveyor;
Risk, value management and cost control manager;
Contractual claims adviser;
Construction commercial risks adviser

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in **CONSTRUCTION ENGINEERING**

COURSE CODE
CE6-A2-21

This degree course gives the learners opportunities to explore management skills and technical knowledge associated with the diverse and challenging tasks that are in continuous change with the introduction of new materials to meet zero energy building requirements and various integrated design concepts including precast techniques. In addition, the programme trains the learner in the necessary design and evaluation techniques to be able to make professional judgements on technical, social and ethical issues during the planning and execution of construction projects. By the end of the programme, the learner will be able to work independently, with a significant amount of research and selfdirected learning, both within and outside the Institute environment.

Dan il-kors li jwassal għall-bachelorat jipprovdi lill-istudenti opportunitajiet biex jespjoraw hiliet ta' għestjoni u għarfien tekniku, assoċjati mal-kompiti diversi u impenjattivi li qed jinbidlu b'mod kontinwu bl-introduzzjoni ta' materjali ġodda, biex jissodisfaw rekwiżiti ta' bini mingħajr konsum tal-enerġija u diversi kunċetti integrati tad-disinn, inkluzi tekniki ta' prefabbrikazzjoni. Barra minn hekk, il-programm jipprovdi lill-istudenti t-taħriġ fit-tekniki neċessarji ta' disinn u ta' evalwazzjoni, biex jagħmlu għudizzji professjonali dwar kwistjonijiet teknoloġiċi, soċjali u etiċi matul l-ippjanar u t-tweqqif ta' proġetti tal-kostruzzjoni. Fi tmiem il-programm, l-istudent ikun jista' jaħdem b'mod indipendenti, billi jwettaq ammont sinifikanti ta' riċerka u studju għal rasu, kemm fl-ambjent tal-Istitut kif ukoll barra minnu.

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
Compulsory A-Levels: Physics, Mathematics (Pure or Applied) Preferred I-Levels: Engineering Drawing, Graphical Communication;

Knowledge of CAD will be considered an asset

CAREER OPPORTUNITIES

**Construction engineering designer;
Construction engineering design manager;
Construction site manager;
Quality assurance manager;
Estate and facilities manager;
Site technical officer**

MODE

Apprenticeship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in **CONSTRUCTION ENGINEERING** (Civil Engineering)

COURSE CODE
CE6-A3-21

This degree course gives the learners opportunities to explore management skills and technical knowledge associated with the diverse and challenging tasks that are in continuous change with the introduction of new materials to meet zero energy building requirements and various integrated design concepts. In addition, the programme empowers one with the necessary design and evaluation techniques to be able to make professional judgements on technical, social and ethical issues during the planning and execution of construction projects. The Civil Engineering specialised units are for those who are interested in Site Spatial Engineering, Engineering Geology, and Soil Mechanics and Structural Analysis. By the end of the programme, one will be able to work independently, with a significant amount of research and self-directed learning, both within and outside the Institute environment.

Dan il-kors, li jwassal għall-bacellerat, jipprovdi lill-istudenti opportunitajiet biex jespjoraw il-lit ta' għestjoni u għarfien tekniku assocjati mal-kompiti diversi u impenjattivi li qed jinbidlu b'mod kontinwu bl-introduzzjoni ta' materjali godda, biex jissodisfaw rekwiżiti ta' bini mingħajr konsum tal-enerġija u diversi kunċetti integrati tad-disinn. Barra minn hekk, il-programm jipprovdi lill-istudenti t-tekniki neċessarji ta' disinn u ta' evalwazzjoni biex jagħmlu għidzji professjonali dwar kwistjonijiet teknoloġiċi, soċjali u etici matul l-ippjanar u t-twetiq ta' proġetti ta' kostruzzjoni. L-unitajiet speċjalizzati tal-Inginerija Ċivili huma għal dawk li huma interessati fl-Inginerija Spazjali tas-Sit, il-Ġeoloġija tal-Inginerija, il-Mekkanika tal-Flamrija u l-Analiżi Strutturali. Fi tmiem il-programm, l-istudent ikun jista' jaħdem b'mod indipendenti, billi jwettaq ammont sinifikanti ta' riċerka u studju għal rasu, kemm fl-ambjent tal-Istitut kif ukoll lil hinn minnu.

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**
Compulsory A-Levels: Physics, Mathematics
(Pure or Applied) Preferred I-Levels: Engineering Drawing, Graphical Communication;

Knowledge of CAD will be considered an asset

CAREER OPPORTUNITIES

Civil engineering designer;
Civil engineering design manager;
Construction site manager;
Quality assurance manager;
Estate and facilities manager;
Site technical officer

MODE

Apprenticeship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180
ECTS

Bachelor of Engineering (Honours) in **ELECTRONICS AND CONTROL ENGINEERING**

COURSE CODE

EE6-06-21

The aim of this degree programme is to develop professional engineers who are both academically prepared and practically trained to satisfy the requirements of local industry. Moreover, graduates from this course will be suitably prepared to embark on careers or further their studies. Control Engineering is, from many perspectives, at the peak of the various engineering disciplines. Indeed, many engineering problems involve the processing of 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.

L-għan ta' dan il-programm li jwassal għall-baċcellerat huwa li jiġu żviluppanti inġiniera professjonali li jithejjew b'mod akkademiku, kif ukoll jitħarrġu b'mod prattiku, biex jissodisfaw ir-rekwiżiti tal-industrija lokali. Barra minn hekk, dawk li jiggadwaw minn dan il-kors jithejjew b'mod xieraq biex jibdew karriera jew ikomplu bl-istudji tagħhom. L-Inġinerija tal-Kontroll tinsab, minn hafna perspettivi, fil-quċċata tad-diversi dixiplini tal-inġinerija. Fil-fatt, hafna problemi tal-inġinerija jinvolvu xi tip ta' proċessar ta' informazzjoni sabiex tiġi kkontrollata xi sistema jew element varjabbli fi hdan sistema aktar kumplessa. L-istudenti li jkollhom taħriġ tajjeb fl-Inġinerija tal-Kontroll huma mfitxija sew mill-industrija.

MQF LEVEL
Level 6COURSE DURATION
4 Years full-time**240**

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Industrial Electronics
or **MCAST Advanced Diploma in Electrical Systems**
or **MCAST Undergraduate Diploma in Foundations of Engineering**
or **2 A-Level passes and 2 I-Level passes**
Compulsory A-Levels: Physics, Mathematics (Pure or Applied) Applicants need to obtain an average Grade C or better across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E), or a related MCAST Advanced Diploma (with an overall mark of 60% or higher).

CAREER OPPORTUNITIES

Design engineer;
Electronics engineer;
Electrical engineer

MODE

Internship

Bachelor of Engineering (Honours) in **ELECTRONICS ENGINEERING**

COURSE CODE
EE6-07-21

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. Moreover, these graduates will be suitably prepared to embark on professional careers or further their studies abroad. 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.

L-għan ta' dan il-programm, li jwassal għall-baċċellerat, huwa li jiżviluppa lill-istudenti f'inginjera kwalifikati, li jithejjew b'mod akkademiku, kif ukoll jitharrġu b'mod prattiku, biex jissodisfaw ir-rekwiziti tal-industrija lokali tal-elettronika. Barra minn hekk, daww li jiggradwaw minn dan il-kors jithejjew b'mod xieraq biex jibdew karrieri professjonali jew ikomplu bl-istudji tagħhom barra minn Malta. L-elettronika għadha qasam teknoloġiku rilevanti u attraenti hafna li evolva b'rata mgħaġġla. Dan il-qasam interdixiplinari jintuza prattikament f'kull aspett tal-ħajja moderna, kif juru l-awanzi fil-kompjuters u l-komunikazzjoni. Il-kors ipogġi lill-istudenti f'kuntatt mat-teknoloġiji moderni u jipprovdi taħlita profonda ta' għarfien u ħiliet.



MQF LEVEL
Level 6



COURSE DURATION
4 Years full-time

240

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Industrial Electronics
or **MCAST Advanced Diploma in Electrical Systems**
or **MCAST Undergraduate Diploma in Foundations of Engineering**
or **2 A-Level passes and 2 I-Level passes**
Compulsory A-Levels: Physics, Mathematics (Pure or Applied) Applicants need to obtain an average **Grade C or better** across their A-Levels in **Mathematics and Physics** (such as Grades C, C; Grades B, D; Grades A, E), or a related **MCAST Advanced Diploma** (with an overall mark of 60% or higher).

CAREER OPPORTUNITIES

Design engineer;
Electronics engineer;
Electrical engineer

MODE

Internship

Bachelor of Engineering (Honours) in **MECHANICAL ENGINEERING** (Manufacturing)

COURSE CODE

ME6-02-21

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.

Dan il-programm li jwassal għall-baccellerat fl-Inginerija Mekkanika jipprovi lill-istudent fehim sod tal-elementi fundamentali tal-inginerija rilevanti u jhejjih għal fixxa wiesgħa ta' għażliet ta' karriera fil-qasam tal-manifattura. Dan il-qasam qed isir ta' livell teknologiku li kulma jmur dejjem jogħla. Il-programm huwa mfassal madwar l-istudji li jżviluppaw fl-istudenti, il-fehim sod tal-principji u d-dixiplini li huma meħtieġa fl-immudellar, il-kejl, l-analiżi u d-disinn ta' komponenti u sistemi mekkaniċi. Dawk li jggradwaw minn dan il-kors huma mistennija juru li jkunu assimilaw il-hiliet professjonali neċessarji biex jifformulaw u jwettqu proġetti tal-inginerija. Il-kors jipprovi wkoll taħriġ fil-ħidma f'tim, u hiliet ta' komunikazzjoni effettiva.

MQF LEVEL
Level 6COURSE DURATION
4 Year full-time**240**

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Manufacturing or MCAST Advanced Diploma for Polymer Process Technicians or MCAST Undergraduate Diploma in Foundations of Engineering or 2 A-Level passes and 2 I-Level passes
Compulsory A-Levels: Physics, Mathematics (Pure or Applied) Applicants need to obtain an average Grade C or better across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E), or a related MCAST Advanced Diploma (with an overall mark of 60% or higher).

CAREER OPPORTUNITIES

**Manufacturing process engineer;
Engineering designer;
Quality control engineer;
Engineering manager;
Production engineer/manager/superintendent;
Engineering laboratory manager;
Mechanical engineer**

MODE

Internship



Bachelor of Science (Honours) in MECHANICAL ENGINEERING (Plant)

COURSE CODE
ME6-03-21

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.

Dan il-programm li jwassal għall-bacellerat fl-Inginerija Mekkanika huwa rilevanti għal firxa ta' industriji, minhabba li jkopri l-principji ewlenin tal-inginerija mekkanika u l-oqsma ta' interess għall-inginier tal-impjanti. Għalhekk il-kors huwa wieħed komprensiv u jżviluppa l-kapaċità tal-kandidati li japplikaw dawn il-principji biex isolvu problemi tal-inginerija f'varjetà ta' ambjenti tax-xogħol u intrapriżi. Il-kors jinkludi unitajiet ta' studju f'diversi oqsma, bħall-Mekkanika tal-Fluwi, it-Teknoloġija tal-Impjanti, il-Principji tal-Kontroll, l-Inginerija tal-Kontroll, it-Teknoloġija Elettrika, l-HVAC, l-Analiżi tal-Vibrazzjoni u l-Magni tas-Shana. L-unitajiet ta' studju maniġerjali addizzjonali u l-unitajiet fl-inginerija ambjentali jkomplu jsaħħu dan il-programm, sabiex dawn li jgradwaw minn dan il-kors ikunu jistgħu verament iżidu valur għall-organizzazzjoni li timpjegahom.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Operations and Maintenance
or **MCAST Undergraduate Diploma in Foundations of Engineering**
or **2 A-Level passes and 2 I-Level Compulsory A-Levels: Physics, Mathematics (Pure or Applied)**
Applicants need to obtain an average Grade C or better across their A-Levels in Mathematics and Physics (such as Grades C, C; Grades B, D; Grades A, E), or a related MCAST Advanced Diploma (with an overall mark of 60% or higher).

CAREER OPPORTUNITIES

Mechanical engineer;
Engineering plant systems designer;
Mechanical engineering analyst;
Hotel chief engineer;
Plant engineer

MODE

Internship



MQF LEVEL
Level 6



COURSE DURATION
4 Years full-time

240

ECTS

Bachelor of Science (Honours) in **MARINE ENGINEERING**

COURSE CODE
MS6-01-21

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 jwassal għall-bachelorat 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-teknologġji żviluppati u emerġenti, 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, wiehed 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 wiehed jistenna fl-Industrija Marittima.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Marine Engineering or MCAST Advanced Diploma in Operations and Maintenance or MCAST Advanced Diploma in Manufacturing or MCAST Undergraduate Diploma in Foundations of Engineering or 2 A-Level passes and 2 I-Level passes
Compulsory A-Levels: Physics, Mathematics (Pure or Applied)

CAREER OPPORTUNITIES

**Marine structural designer;
Marine systems designer;
Marine technologist;
Marine surveyor**

MODE

Internship

A person wearing a white hoodie and glasses is seen from the side, working on a laptop. The background is a blurred classroom with wooden desks and chairs. A blue surgical mask is visible in the bottom left corner. A solid orange vertical bar is on the left side of the image.

Institute of

**INFORMATICS
COMMUNICATIONS
TECHNOLOGY**



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Message from the director

Mr CONRAD VASSALLO



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Introductory Certificate in ICT

COURSE CODE
IT1-01-21

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 tekniki 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 jkunu 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. Jigu żviluppatti ħiliet fid-disinn ta' algoritmi sempliċi u ta' programmi sempliċi tal-kompjuter.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)


MQF LEVEL
Level 1


COURSE DURATION
1 Year full-time

40
ECVET

Foundation Certificate in ICT

COURSE CODE
IT2-01-21

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 teknici biex ilaħhqu mat-teknoloġġi tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġġi 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 mhux mahsub 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

**Finished Compulsory Education
or MCAST Introductory Certificate**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in ICT

COURSE CODE
IT3-01-21

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 matteknoloġiji 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 fi x-xogħol tagħhom ta' kuljum. Id-Diploma in ICT hija l-ewwel pass fi programm ta' taħriġ ta' tliet snin, imfassal biex jipprovi l-hiliet 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-softwer, 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,
Computer Studies, Physics, BTEC IT Practitioner/
IT VET**
Preferred: English Language



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in iGAMING

COURSE CODE
IT3-02-21

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 become 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, Web Development, Multimedia and basic Data Analysis.

L-industrija tal-iGaming hija settur relattivament ġdid u dinamiku li jirrikjedi għadd ta' persuni tekniċi biex ilaħħqu mat-teknoloġiji fl-iGaming li qed jevolvu b'mod kostanti. L-MCAST qed joffri dan il-kors bħala l-ewwel pass biex l-istudent isir 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, l-Iżvilupp tal-Web, il-Multimidja u l-Analiżi tad-Data f'livell bażiku.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics, Computer Studies, Physics, BTEC IT Practitioner/ IT VET Preferred: English Language

CAREER OPPORTUNITIES

User support in iGaming



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Advanced Diploma in IT (Computer Systems and Networks)

COURSE CODE
IT4-A1-21

The IT industry is a dynamic sector which requires a number of highly skilled technical personnel to cope with constantly changing customers' demands and new innovative technologies. This course is the first step towards entering the field of computer networks. It provides learners with core computer networking skills. At this level, they will be exposed to the design, implementation and administration of small to medium sized networks. The first year of this course will be common to all learners following the Advanced Diploma. During the second year of studies, learners will be focusing on networking subjects such as LAN switching, routing, server management and virtualisation. This course includes work-related training and practice.

L-industrija tal-IT hija settur dinamiku li jirrikjedi għadd ta' impjegati teknici bi kwalifiki għoljin biex ilaħħqu mal-ħtiġijiet tal-kljenti li dejjem jinbidlu u mat-teknoloġiji innovattivi ġodda. Dan il-kors huwa l-ewwel pass biex wieħed jidhol fl-qasam tan-netwerks tal-kompjuter. Huwa jipprovdi lill-istudenti l-ħiliet ewlenin tan-netwerking tal-kompjuter. F'dan il-livell, l-istudenti jiltaqgħu mad-disinn, l-implimentazzjoni u l-amministrazzjoni ta' netwerks żgħar u medji. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkun qad isegwu l-Advanced Diploma. Fit-tieni sena, l-istudenti jiffokaw fuq suġġetti tan-netwerking bħal-LAN switching, ir-routing, il-ġestjoni tas-server u l-virtwalizzazzjoni. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in IT
or **MCAST Diploma in iGaming**
or **4 SEC/O-Level/SSC&P (Level 3)** passes
Compulsory: Mathematics and One subject
from Computer Studies, Physics, Information
Technology
Preferred: English Language

CAREER OPPORTUNITIES

Junior/assistant systems administrator;
Junior/ assistant network administrator;
Junior/assistant database administrator;
IT end user support

MODE

Apprenticeship

Advanced Diploma in IT (Multimedia Software Development)

COURSE CODE
IT4-03-21

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-hiliet meħtieġa mill-kumpaniji. Il-multimidja tinkorpora t-test, is-sound, il-grafika, l-animazzjoni, l-immagnijiet fissi u l-vidjo flimkien mat-teknoloġija tal-komputer. Il-kors jipprovdi lill-istudenti l-hiliet ewlenin fl-iżvilupp tas-software, flimkien mal-gharfien 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 igibu 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 **4 SEC/O-Level passes/SSC&P (Level 3) passes**
Compulsory: Mathematics and One subject from Computer Studies, Physics, Information Technology
Preferred: English Language, Art, Graphical Communication

CAREER OPPORTUNITIES

Junior front-end developer;
Junior game developer;
Junior mobile application developer



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in IT (Software Development)

COURSE CODE
IT4-04-21

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-prattici 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-hiliet ewlenin fl-iżvilupp tas-software, flimkien mal-gharfien 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 **4 SEC/O-Level passes/SSC&P (Level 3) passes**
Compulsory: Mathematics and One subject
from Computer Studies, Physics, Information
Technology Preferred: English Language

CAREER OPPORTUNITIES

User support;
Junior software tester;
Junior software developer;
Junior database developer;
Junior web developer



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Bachelor of Science (Honours) in BUSINESS ANALYTICS

COURSE CODE
IT6-01-21

This degree programme is aimed at those individuals who wish to learn how to utilise data to address the most demanding challenges in today's business world. Through the use of an applied methodology, analytical skills and hands-on lab sessions, learners will learn how to use analytical tools to derive insight on hidden trends and patterns in order to leverage business success. One will learn how to develop, implement and test bespoke solutions for resolving problems in specific scenarios. Additional units will cover aspects such as: improving one's own critical thinking skills, building strategies for promoting businesses, understanding consumer behaviour and learning about laws governing a business process.

Dan il-programm, li jwassal għall-bacellerat, huwa mmirat lejn dawk l-individwi li jixtiequ jitgħallmu kif jużaw id-data biex jindirizzaw l-isfidi l-aktar eżiġenti f'id-dinja tan-negożju tal-lum. Permezz tal-użu ta' metodoloġġja applikata, hilet analitiċi u sessjonijiet prattiċi fil-laboratorju, l-istudenti jitgħallmu kif jużaw għodod analitiċi biex jiksbu għarfien dwar xejriet u mudelli moħbija, bl-iskop li jużawhom għas-success tan-negożju. L-istudenti jitgħallmu kif jiżviluppaw, jimplimentaw u jittestjaw soluzzjonijiet imfassla apposta biex isolvu problemi f'xenarji speċifiċi. Unitajiet ta' studju addizzjonali jkopru aspetti bħal: it-titjib tal-hilet tal-ħsieb kritiku tal-persuna, il-bini ta' strateġġji għall-promozzjoni tan-negożju, il-fehim tal-imġiba tal-konsumatur u l-liġġiet li jirregolaw il-proċess tan-negożju.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

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 Financial Services** or **MCAST Advanced Diploma in Insurance** or **2 A-Level passes and 2 I-Level passes Compulsory A-Level: Computing or Mathematics or a Business related subject Preferred A-Level or I-Level: Computing or Mathematics or a Business related subject**

CAREER OPPORTUNITIES

Business analyst;
Data scientist;
Operations research analyst;
Market research analyst;
Project manager;
Business consultant

MODE

Internship

Bachelor of Science (Honours) in **COMPUTER SYSTEMS AND NETWORKS**

COURSE CODE
IT6-A1-21

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 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 jikkber fl-ambjent kummerċjali tal-lum, minhabba l-fatt li hemm domanda kbira għal persuni teknici 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 għall-baccellerat huwa maħsub għal studenti li jixtiequ jseguw karrera fid-dinja tas-sistemi u n-netwerks tal-kompjuter. F'dan il-kors, l-istudenti jiltaqgħu mat-teknoloġiji tan-netwerk tal-intrapriżi, l-operazzjonijiet taċ-ċentru tad-data, in-netwerks tal-fornitur tas-servizzi, is-sikurezza tal-informazzjoni, il-virtwalizzazzjoni u t-teknoloġiji tal-cloud computing. Tingħata wkoll l-importanza dovuta lit-teknoloġiji godda li qed jiżviluppaw u li l-istudenti se jsbu li jkun qad jgħu 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-Inginerja ta' Malta.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in IT Recommended streams: Computer Systems and Networks, End User Support or MCAST Advanced Diploma in Electronics (Computer Engineering) or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Computing Compulsory A-Level or I-Level: One subject from Pure Mathematics, Applied Mathematics, Physics

CAREER OPPORTUNITIES

**Systems administrator;
NOC engineer;*
Technical support specialist;
Network analyst**

*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) and the rights attributed thereto.

MODE

Apprenticeship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in MULTIMEDIA SOFTWARE DEVELOPMENT

COURSE CODE
IT6-A3-21

This degree programme is intended for those learners who are keen on developing interactive and media rich software applications such as games and mobile applications. In this course one will learn how to develop software applications, create the required multimedia content and integrate this content with the created application. This course covers 2D and 3D Graphic Design, Computer Animation, Sound Design, Visual Effects, Object-Oriented Programming, Mobile Application Development and other similar modules. This course is intended for individuals who have an artistic inclination and are also good in programming.

Dan il-programm fil-livell tal-bachelorat huwa maħsub għal dawk l-istudenti li għandhom interess kbir fl-iżvilupp ta' applikazzjonijiet tas-software interattivi u rikki fl-użu tal-midja, bħal loġjohb u applikazzjonijiet tal-mobile. F'dan il-kors, l-istudent jittgħallim jżviluppa applikazzjonijiet tas-software, johlq il-kontenut multimedjali meħtieġ u jintegra dan il-kontenut mal-applikazzjoni li tkun giet ikkreat. Dan il-kors ikopri d-Disinn Grafiku 2D u 3D, l-Animazzjoni tal-Kompjuter, id-Disinn tas-Sound, l-Effetti Vizivi, l-Ipprogrammar Orjentat lejn l-Ogġett, l-Iżvilupp ta' Applikazzjonijiet tal-Mobile u unitajiet oħra simili. Il-kors huwa mmirat għal individwi li għandhom inklinazzjoni artistika u li huma wkoll tajbin fl-ipprogrammar.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in IT Recommended stream: Multimedia Software Development or MCAST Advanced Diploma in Electronics (Computer Engineering)
or **2 A-Level passes and 2 I-Level passes**
Compulsory A-Level: Computing
Compulsory A-Level or I-Level: One subject from Pure Mathematics, Applied Mathematics, Physics

CAREER OPPORTUNITIES

Games developer;
Web/UX designer;
Multimedia programmer;
Mobile applications developer

MODE

Apprenticeship



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

Bachelor of Science (Honours) in **SOFTWARE DEVELOPMENT**

COURSE CODE
IT6-A2-21

This degree programme is intended for those learners who are keen on software development with an inclination towards back-end systems and solving complex problems. In this course you will learn how to design software applications based on formal design patterns; design and implement the underlying data infrastructure; model and solve complex real problems whilst following formal methodologies. This course covers Secure Development, Enterprise Software Development, Server Side and Client Side Scripting, Discrete Mathematics and other similar modules. The course is intended for individuals who have a keen interest in problem solving, have an attention to detail and strive to programme efficiently.

Dan il-programm li jwassal għall-bacellerat huwa maħsub għal dawk l-istudenti li jinteressawhom hafna l-iżvilupp tas-softwer, b'mod speċjali s-sistemi back-end, u s-soluzzjoni ta' problemi kumplessi. F'dan il-kors inti titgħallim tiddisinja applikazzjonijiet tas-softwer ibbażati fuq mudelli ta' disinn formali; tiddisinja u timplimenta l-infrastruttura tad-data fundamentali; tohloq mudelli u ssolvi problemi reali li jkunu kumplessi, filwaqt li ssegwi metodoloġiji formali. Dan il-kors jitratta l-Iżvilupp Sikur, l-Iżvilupp tas-Softwer għall-Intrapriżi, Server Side u Client Side Scripting, Discrete Mathematics u unitajiet oħra simili. Il-kors huwa mmirat lejn individwi li għandhom interess fis-soluzzjoni tal-problemi, li jagħtu attenzjoni għad-dettall u li jistinkaw biex johlqu programmi effiċjenti.


MQF LEVEL
Level 6


COURSE DURATION
3 Years full-time

180
ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in IT Recommended stream: Software Development or MCAST Advanced Diploma in Electronics (Computer Engineering)
or 2 A-Level passes and 2 I-Level passes
Compulsory A-Level: Computing
Compulsory A-Level or I-Level: One subject from Pure Mathematics, Applied Mathematics, Physics

CAREER OPPORTUNITIES

Web/back-end developer;
Software tester;
Mobile applications developer

MODE

Apprenticeship



GOZO

Campus



Message from the director

Ing. GODWIN GRECH



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Certificate in VOCATIONAL SKILLS

COURSE CODE
PW-01-21G

The Certificate in Vocational Skills is a structured programme of study that helps students with learning disabilities / learning difficulties acquire the skills necessary to gain and maintain employment or to further their education. During the course students are required to participate in weekly supervised work placements both within the College and in different workplaces. Students will have the opportunity to experience work in three vocational areas, namely Hospitality Studies, Office Skills and also Production and Retail Work. Key skills and life skills subjects also form part of the syllabus.

lċ-Ċertifikat fl-Hiliet Vokazzjonali huwa programm ta' studju strutturat biex jgħin studenti li għandhom diżabilità / diffikultajiet fit-tagħlim jiksbu l-hiliet neċessarji biex jakkwistaw u jżommu impjeg jew biex ikomplu bl-istudju tagħhom. Matul dan il-kors l-istudenti huma mistennija li kull ġimgħa jippartecipaw f'work placements taħt superviżjoni, kemm fi hdan il-Kulleġġ kif ukoll f'postijiet oħra tax-xogħol. L-istudenti jkollhom l-opportunità li jagħmlu esperjenza ta' xogħol fi tliet oqsma vokazzjonali, li huma l-Istudji fl-Ospitalità, il-Hiliet tal-Uffiċċju u x-Xogħol ta' Produzzjoni u Bejgħ. Is-sillabu jinkludi wkoll suġġetti tal-hiliet ewlenin u hiliet għall-hajja.

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 a 3-day workshop at MCAST, attendance for which is compulsory)
Commitment to prospective employment;

Applicants may be asked to sit for an interview



MQF LEVEL
Level A/B



COURSE DURATION
2 Years full-time

Introductory Certificate in CONSTRUCTION ENGINEERING

COURSE CODE
CE1-01-21G

This programme 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 hands-on practice 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 Individual and Social Responsibility sessions are also part of the key skills component.

Dan il-programm jipprovdi lill-istudenti 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 vokazzjonali diretta u estensiva f'diversi setturi. Il-kors jinkludi esperjenza prattika fuq ix-xogħol tal-injam, il-plumbing, ix-xogħol fil-metall, il-benchfitting u eżerċizzji prattiċi fl-elettriku u t-tikħil. Il-kors jinkludi komponent sinifikanti ta' ħiliet ewlenin li jgħinu lill-istudenti jtejbu l-ħiliet ta' għom fil-komunikazzjoni, il-litteriżmu u n-numeriżmu. L-IT u r-Responsabbiltà Individwali u Soċjali huma wkoll parti mill-komponent tal-ħiliet ewlenin.

ENTRY REQUIREMENTS

Finished Compulsory Education;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 1



COURSE DURATION
1 Year full-time

40

ECVET

Foundation Certificate in **CARE**

COURSE CODE
CS2-01-21G

This full-time programme of study is aimed at those learners who wish to embark on a future career in the Health and Social Care sector. During the year the learners have a variety of lectures which give them an understanding of basic concepts related to this sector. Lectures focus on human behaviour, the way the body works and what constitutes a safe working environment. Students are given the opportunity to strengthen their key skills subjects including Maltese, English, Mathematics and Science through the vocational angle. Learners have the opportunity to visit organisations related to this sector so that they become accustomed to the setting. At the end of this one-year course, students will have the opportunity to progress to the Diploma level in the same sector.

Dan il-programm ta' studju full-time huwa mmirat lejn dawk l-istudenti li fl-futur jixtiequ jibdew karriera fis-settur tas-Saħħa u l-Kura Soċjali. Matul is-sena, l-istudenti jkollhom varjetà ta' lezzjonijiet li jgħinuhom jifhem 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 s-suġġetti tal-ħiliet ewlenin tagħhom, inklużi l-Malti, l-Ingliż, il-Matematika u x-Xjenza mil-lat vokazzjonali. L-istudenti jkollhom l-opportunità li jżuru organizzazzjonijiet relatati ma' dan is-settur sabiex isiru familjari mal-ambjent. Fi tmiem dan il-kors ta' sena, l-istudenti jkollhom l-opportunità li jawanzaw għal-livell ta' Diploma fl-istess settur.

ENTRY REQUIREMENTS

Finished Compulsory Education or MCAST Introductory Certificate;

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Foundation Certificate in HAIRDRESSING, BEAUTY AND WELL-BEING

COURSE CODE
CS2-02-21G

This programme of study provides learners with an overview of the different routes, particularly in the areas of Hairdressing and Beauty, which are available at Level 3 after completion of this course. The modules on offer provide learners with basic knowledge in health and safety practices employed during beauty and hairdressing techniques and procedures. Other modules focus on an understanding of the basic scientific concepts related to all hair and beauty services and treatments; and an introduction to basic business concepts. The course also provides learners with quality work experience exposure where they will be expected to assist and carry out a range of assigned tasks, using approved models. Learners are required to purchase the necessary hairdressing and beauty accessories at the beginning of the academic year.

Dan il-programm ta' studju jipprovdi lill-istudenti b'harsa ġenerali lejn l-għażliet possibbli, partikolarment fis-setturi tax-Xagħar u tas-Sbuħija, li wiehed jista' jkompli jistudja fit-tielet livell, meta jlesti dan il-kors. L-unitajiet ta' studju offruti jipprovdu lill-istudenti għarfien bażiku tal-prattici tas-saħħa u s-sigurtà użati fit-teknika u l-proċeduri tas-sbuħija u l-hairdressing. Unitajiet oħra jiffokaw fuq l-għarfien tal-kunċetti xjentifiċi bażiċi relatati mas-servizzi u t-trattamenti kollha tax-xagħar u tas-sbuħija; u introduzzjoni għall-kunċetti bażiċi tan-negozju. Il-kors jesponi wkoll lill-istudenti għal esperjenza ta' xogħol ta' kwalità fejn ikunu mistennija jassistu u jwettqu firxa ta' xogħlijiet assenjati lilhom fuq mudelli approvati. L-istudenti huma meħtieġa jixtru l-aċċessorji neċessarji tal-hairdressing u tas-sbuħija fil-bidu tas-sena akkademika.

ENTRY REQUIREMENTS

**Finished Compulsory Education
or MCAST Introductory Certificate;**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Foundation Certificate in ICT

COURSE CODE
IT2-01-21G

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 ilaħhqu mat-teknoloġġi tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġġi 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

**Finished Compulsory Education
or MCAST Introductory Certificate**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Foundation Certificate in ENGINEERING SKILLS

COURSE CODE
GZ2-01-21G

This course exposes learners to a number of diverse engineering disciplines and trades. It comprises vocational study-units covering basic Electrical Installation 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 embedded in the vocational content.

Studenti li jagħżlu li jsegwu dan il-kors, ikollhom l-opportunità li jimirfu f'għadd sabiħ ta' dixiplini fis-snaġġa u l-inġinerija. Fost dawn insibu l-Istallazzjoni tal-Elettriku u l-Elettronika, l-Inġinerija Mekkanika, Welding u Fabbrikazzjoni, u Xogħol fl-Injam. Il-kors iżewweg elementi ta' teorija u Prattika li jgħinu lill-istudenti jseddqu l-għarfien, il-ħiliet u l-kompetenzi tagħhom. B'hekk ikollhom idea iktar ċara dwar l-għażliet vokazzjonali li jistgħu jispeċjalizzaw fihom hekk kif jissuktaw bit-taħriġ tagħhom fl'livelli oġġla. L-istudenti jitharrġu fl-użu tal-ghodda, materjali u proċessi varji fl-inġinerija. Huma jkollhom l-opportunità li jsaħħu l-ħiliet bażiċi tagħhom fl-ambjenti vokazzjonali.

ENTRY REQUIREMENTS

**Finished Compulsory Education
or MCAST Introductory Certificate;**

Initial Assessment Tests (as may be applicable)



MQF LEVEL
Level 2



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in **BUSINESS**

COURSE CODE
BC3-01-21G

This course is aimed at preparing learners to further their studies in different areas of business. It is a preparatory course for those who wish 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 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 having enough knowledge about the different business areas to be able to choose a more specialised course of studies at Level 4.

Dan il-kors huwa mmirat lejn it-tnejn ta' studenti biex ikompli l-istudju tagħhom f'oqsma differenti tan-negozju. Huwa kors preparatorju biex wieħed ikompli l-istudju tiegħu fl-MCAST fl-Livell 4 tal-MQF. Il-kors għandu l-għan li jippermetti lill-istudenti li jtejbu l-ħiliet tagħhom fl-oqsma tal-Ingliż u l-Malti, miktuba u mitkellma, kif ukoll dawk fl-Matematika u l-IT. 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 jagħzlu kors ta' studju aktar speċjalizzat fl-Livell 4.

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or **2 SEC/O-Level/SSC&P (Level 3) passes**
Preferred: Business Studies

CAREER OPPORTUNITIES

Clerical assistant;
Shop cashier



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in HAIRDRESSING - WOMEN

COURSE CODE
CS3-02-21G

Hairdressing is an exciting and creative industry which requires skilled technical stylists to cope with the customers' demands for change and innovation. In today's fast-moving world, self-image is your brand. This programme of study provides the learners with the skills and confidence to step onto the road to success. Learners cover a variety of interesting study-units such as client consultation, hair styling for different occasions, hair colouring, perming and straightening. This includes experience in the College's salon as well as placements in industry as part of the Apprenticeship scheme. Learners further develop their knowledge in key skills. This programme prepares learners for employment in salons as junior stylists or sales representatives.

Il-hairdressing huwa industrija eċċitanti u kreattiva li tirrikjedi stilisti tekniċi kwalifikati biex ilaħħqu mad-domanda tal-klijenti għall-bidla u l-innovazzjoni. Fid-dinja mgħaġġla tal-lum, l-immagħni tiddefinixxi lill-persuna. Dan il-programm ta' studju jipprovi lill-istudenti bil-hiliet u l-kunfidenza biex jibdew it-triq għas-success; fil-fatt l-opportunitajiet huma bla limitu. L-istudenti jkopru varjetà ta' unitajiet ta' studju interessanti, bħall-konsultazzjoni mal-klijenti, l-issettjar tax-xagħar għal okkażjonijiet differenti, iż-żebgħa tax-xagħar, l-ipperrmjar u l-illixxjar tax-xagħar. Dan jinkludi esperjenza fis-salon tal-Kulleġġ, kif ukoll esperjenza ta' xogħol fl-industrija bħala parti mill-iskema tal-Apprendistat. Barra minn hekk, l-istudenti jkomplu jiżviluppaw l-għarfien tagħhom fil-hiliet ewlenin. Dan il-programm iħejji lill-istudenti għal impjeg f'salons bħala stilisti jew rappreżentanti tal-bejgħ ta' prodotti tax-xagħar.

ENTRY REQUIREMENTS

MCAST Foundation Certificate
or **2 SEC/O-Level/SSC&P (Level 3)** passes
Preferred: English Language, Biology, Chemistry,
Physics, Home Economics, General Science, Art;

Initial Assessment Tests (as may be applicable)

CAREER OPPORTUNITIES

Junior hair stylist for women;
Sales representative for hair products

MODE

Work placement



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



College of Arts Science & Technology

Diploma in HEALTH AND SOCIAL CARE

COURSE CODE
CS3-03-21G

Prospective candidates who enrol in this course should have an interest in working with elderly persons and persons with different abilities. Lectures include a number of varied topics such as nutrition, equality, diversity, dignity and rights of individuals. Moreover, this programme of study provides a route for education within a number of specialised areas such as the Social Care sector, Early Years Education, and Health Sciences. The programme offers an opportunity for learners to carry out work-based learning in two different host organisations which form part of 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 individwi b'kapaċitajiet differenti. Il-lezzjonijiet jinkludu għadd ta' suġġetti varjati bħan-nutrizzjoni, l-ugwaljanza, id-diversità, id-dinjità u d-drittijiet tal-individwi. Barra minn hekk, dan il-programm ta' studju jwitti t-triq għal edukazzjoni f'għadd ta' oqsma speċjalizzati bħas-settur tal-Kura Soċjali, l-Edukazzjoni tat-Tfal fis-Snin Bikrin, u x-Xjenzi tas-Saħħa. Il-programm joffri opportunità biex l-istudenti jirċievu taġħlim ibbażat fil-post tax-xogħol, f'organizzazzjonijiet ospitanti differenti li jiffurmaw parti mis-settur. Hawnhekk ikunu mistennija jwettqu, taħt supervizzjoni, ix-xogħol li huma jiġu assenjati. Fil-każ ta' studenti li ma jixtiqux ikomplu l-istudju tagħhom, dan il-programm ta' sena jipprovdni punt ta' hrug xieraq biex wieħed isib impjeg bħala haddiem ta' appoġġ jew assistent fil-qasam tal-kura tas-saħħa.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or **2 SEC/O-Level/SSC&P (Level 3)** passes
Preferred: English Language, Biology, Physics, Chemistry, Maltese, Social Studies, Nutrition, Food Consumer Studies (Home Economics);

Prior to embarking on any Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean police conduct.

CAREER OPPORTUNITIES

Care worker;
Care assistant;
Support care worker

MODE

Work placement



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Diploma in ELECTRICAL INSTALLATIONS

COURSE CODE
EE3-A1-21G

This programme is the first stage for a learner who is interested in a career in electrical systems such as that of an Electrician within the construction industry. It contributes towards an understanding of the relevant theory and allows learners to develop the practical skills required in this field. The programme consists of twelve modules, out of which six are vocational related and the rest are key skills related. Vocational modules focus on the basics of wiring electrical installation circuits using different cables and containment, electrical installation regulations, and health and safety requirements governing electrical installation processes. The rest of the modules provide an opportunity for learners to have adequate skills in Maltese, English, Mathematics, Information Technology and Science and Technology.

Dan il-programm huwa l-ewwel stadju għal student li huwa interessat f'karriera fis-sistemi tal-elettriku, bħal dik ta' Elektrixin fl-industrija tal-kostruzzjoni. Dan jikkontribwixxi għal fehim tat-teorija rilevanti u jippermetti lill-istudenti jżviluppaw il-ħiliet prattiċi meħtieġa f'dan il-qasam. Il-programm jikkonsisti fi tnax-il unità ta' studju, li minnhom sitta huma vokazzjonali u l-oħrajn huma relatati mal-ħiliet ewlenin. L-unitajiet vokazzjonali jiffokaw fuq l-elementi bażiċi biex wieħed jgħaddi wajers biex jininstalla ċirkwiti tal-elettriku permezz ta' kejbils u tipi ta' containment differenti, fuq ir-regolamenti dwar l-installazzjoni tal-elettriku, u fuq ir-rekwiżiti tas-saħħa u s-sigurtà li jirregolaw il-proċessi tal-installazzjoni tal-elettriku. Il-bqija tal-unitajiet jipprovdu lill-istudenti l-opportunità li jkollhom ħiliet adegwati fil-Malti, l-Ingliż, il-Matematika, it-Teknoloġija tal-Infommazzjoni, u x-Xjenza u t-Teknoloġija.



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level/SSC&P (Level 3) passes Preferred: Mathematics, Physics, Engineering Technology;

A medical certificate testing Colour Blindness is a necessary requirement for the course.

CAREER OPPORTUNITIES

**Assistant electrician;
Machine operator**

MODE

Apprenticeship

Diploma in MECHANICAL ENGINEERING

COURSE CODE

ME3-A3-21G

If learners intend to embark on an engineering career specialising particularly in the mechanical engineering 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 rrakkomandat għal dawk l-istudenti li jkollhom l-intenzjoni li jibdew karriera fl-inginerija li tispeċjalizza b'mod partikolari fis-settur mekkaniku. Dan il-programm tal-MCAST huwa mfassal biex jipprovi t-teorija u l-prattika fl-ivell bażiku. Dawn jistgħu jiġu msahħa 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 hafna drabi jkunu bbażati fuq sitwazzjonijiet realistiki fuq il-post tax-xogħol. Il-kors ikopri l-għarfien u l-hiliet prattiċi bażiċi, filwaqt li jipprovi bażi tajba għal opportunitajiet ta' karriera fl-inginerija fil-futur. L-istudenti huma esposti għal għarfien aktar profund f'suġġetti relatati, bħall-Matematika, il-Fizika, l-Engineering Drawing u t-Teknoloġija tal-Infommazzjoni.

ENTRY REQUIREMENTS

MCAST Foundation Certificate or 2 SEC/O-Level passes/SSC&P (Level 3)
From: Mathematics, Physics, Chemistry, Biology, Technical Drawing/Graphical Communication, Design and Technology, Engineering Technology, BTEC Level 2 Extended Certificate in Engineering
Compulsory: One subject from Mathematics, Engineering Technology, Physics, Chemistry

CAREER OPPORTUNITIES

**Machine operator;
 Technical operator;
 Assistant technician**

MODE

Apprenticeship



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET



Diploma in ICT

COURSE CODE
IT3-01-21G

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 ilaħhqu mat-teknoloġġi tal-computing li qed jevolvu b'mod kostanti. Il-persuni tal-IT joffru appoġġ f'dawn it-teknoloġġi 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-hiliet neccessarji 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 networks 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, Computer Studies, Physics, BTEC IT Practitioner/ IT VET
Preferred: English Language



MQF LEVEL
Level 3



COURSE DURATION
1 Year full-time

60

ECVET

Advanced Diploma in **ACCOUNTING**

COURSE CODE

BC4-A3-21G

This course aims to give learners a very good grounding in the area of Accounting. Study areas vary from the different aspects of financial and management accounting, to the use of accounting software, as well as other more generic areas of key skills. The course has a very high level of hands-on experience through Apprenticeship where students will not only be learning by doing but will also experience first-hand the application of the theory they would be learning in class. While students who finish the course will not be fully qualified accountants, learners will definitely have a very good understanding and possess the required skills to work in an accounts department. Learners following this programme will also be prepared to sit for AAT (Association of Accounting Technicians) UK International Examinations.

Dan il-kors għandu l-għan li jipprovdi lill-istudenti bazi tajba ħafna fl-istudju tal-Accounting. L-oqsma tal-istudju jinkludu l-aspetti differenti ta' accounting finanzjarju u ta' mmaniġġjar, l-użu ta' softwer tal-accounting, kif ukoll oqsma aktar ġeneriċi ta' ħiliet ewlenin. Il-kors għandu livell għoli ħafna ta' esperjenza Prattika permezz ta' Apprendistat, fejn l-istudenti mhux biss jitgħallmu permezz tal-prattika, iżda anke jesperjenzaw l-applikazzjoni diretta tat-teorija li jkunu qed jitgħallmu fl-klassi. Għalkemm l-istudenti li jlestu l-kors ma jkunux accountants kwalifikati b'mod sħiħ, zgur se jkollhom fehim tajjeb ħafna, flimkien mal-ħiliet meħtieġa biex jaħdmu f'dipartiment tal-accounts. L-istudenti li jseguw dan il-programm jithejjew ukoll biex jagħmlu l-Eżamijiet Internazzjonali tal-AAT (Association of Accounting Technicians) UK.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Business
or **MCAST Diploma in Postal Services**
or **4 SEC/O-Level/SSC&P (Level 3) passes**
Compulsory: English Language, Mathematics

CAREER OPPORTUNITIES

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

MODE

Apprenticeship

FEES

There are AAT fees payable to AAT (UK) for Membership and Examinations leading to Qualification Certificates as awarded by AAT (UK).

MĪZATI

Hemm miżati tal-AAT li għandhom jithallsu lill-AAT (UK) għal Shubija u Eżamijiet li jwasslu għal Certifikati ta' Kwalifika mogħtija minn AAT (UK).

Advanced Diploma in FINANCE AND INSURANCE

COURSE CODE

BC4-A2-21G

This course is aimed at prospective learners 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, by opting for one of two streams. Specialisation can be either in financial services or else in insurance. This approach ensures that, in the first year, any learner following this course is exposed to different areas of the financial services world, thus giving them better flexibility in career prospects. In choosing a main area of expertise in the second year of the course, learners will be very strong in the specific area chosen, while having a good understanding of the other areas.

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 karrera f'id-dinja tas-Servizzi Finanzjarji. L-ewwel sena tal-kors hija maħsuba biex tintroduci lill-istudenti għas-setturi differenti tal-industrja tas-servizzi finanzjarji, inkluż l-assigurazzjoni. Fit-tieni sena tal-kors, l-istudenti jagħzlu 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 flessibilità 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.

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 jagħzlu li jispeċjalizzaw fl-Assigurazzjoni jkun meħtieġa jkomplu l-istudji tagħhom fil-Kampus Ewlieni ta' Malta f'Rahaħ Gdid.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Business or MCAST Diploma in Postal Services or 4 SEC/O-level/SSC&P (Level 3) passes
Compulsory: English Language, Mathematics

CAREER OPPORTUNITIES

Bank cashier;
Clerical and other officer roles within banks and other financial services institutions;
Employment across the financial services sector

MODE

Apprenticeship

Advanced Diploma in HEALTH SCIENCES

COURSE CODE

AS4-04-21G

This programme of study has been developed to prepare learners for health-related careers. The study-units deal with the anatomy and physiology of the human body, the physical and psychological changes due to aging, and will help learners to build competences that are required 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 għe żviluppat biex iħejji lill-istudenti għal karrieri relatati mas-saħħa. L-unitajiet ta' studju jindirizzaw l-anatomija u l-fiżjoloġija tal-gisem tal-bniedem, it-tibdil fiżiku u psikoloġiku minħabba x-xjuħija, u jgħin lill-istudenti jiżviluppaw kompetenzi li jgħinuhom jitgħallmu kif igibu ruħhom ma' persuni bi problemi ta' saħħa u ta' mgiba 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.



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

ENTRY REQUIREMENTS

MCAST Diploma in Applied Science
or **MCAST Diploma in Health and Social Care**
or **4 SEC/O-Level/SSC&P (Level 3)** passes
Compulsory: English Language, Mathematics, Biology
Preferred: Maltese, Chemistry, Health and Social Care

CAREER OPPORTUNITIES

Allied health assistant;
Paramedic aide;
Health administrator

MODE

Work placement

Advanced Diploma in HEALTH AND SOCIAL CARE

COURSE CODE

CS4-02-21G

This is a two-Year full-time programme during which the learner becomes better acquainted with the specialised services offered by different agencies and organisations in the care sector. This programme of study is ideal for those prospective candidates who derive a lot of personal satisfaction from helping others. Lectures deal with sociological and psychological perspectives, legislation, communication skills and human biology. Lecturers will present scenarios which are dynamic and thought-provoking, and learners are prepared to work in challenging environments dealing with vulnerable individuals. A work-based learning component is included in the framework of this programme. Learners who successfully graduate from this programme of study are very much in demand and all manage to find immediate employment in the sector.

Dan huwa programm full-time ta' sentejn li matulu l-istudent isir aktar familjari mas-servizzi speċjalizzati offruti minn aġenziji u organizzazzjonijiet differenti fis-settur tal-kura. Dan il-programm ta' studju huwa ideali għal dawk il-kandidati prospettivi li jiksbu sodisfazzjon personali meta jgħinu lill-oħrajn. Il-lezzjonijiet jitrattaw perspettivi soċjoloġiċi u psikoloġiċi, il-legiżlazzjoni, il-filiet tal-komunikazzjoni u l-bijoloġija tal-bniedem. L-għalliema jipprezentaw xenarji li huma dinamici u li jgħiegħlu lill-istudenti jaħsbu, u l-istudenti jithejjew biex jaħdmu f'ambjenti ta' sfida ma' individwi vulnerabbli. Komponent ta' taġħlim ibbażat fuq ix-xogħol huwa inkluz fil-qafas ta' dan il-programm. L-istudenti li jiggradwaw b'suċċess minn dan il-programm ta' studju huma meħtieġa ferm u kollha jirnexxilhom isibu impjeg fis-settur immedjatament.

ENTRY REQUIREMENTS

MCAST Diploma in Health and Social Care or MCAST Diploma in Applied Science or MCAST Diploma in Sport or MCAST Diploma in Foundation Studies for Security, Enforcement and Protection or 4 SEC/O-Level/SSC&P (Level 3) passes Preferred: Health and Social Care, English Language, Maltese, Ethics, Social Studies, Home Economics, Biology

Prior to embarking on any Placement, learners need to:

- satisfy the requirements of the Protection of Minors Act (POMA);
- satisfy specific immunisation requirements; and
- present a clean police conduct.

CAREER OPPORTUNITIES

Social support worker

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in **CHILDREN'S CARE, LEARNING AND DEVELOPMENT**

COURSE CODE

CS4-04-21G

In this two-year programme, lecturers give a major emphasis to the practical components which form an integral part of the programme. Learners are taught how to observe babies and toddlers in an early years' environment, to be able to help each child reach his or her maximum potential. Innovative methods are used to plan activities for children in a childcare setting. Other lectures include topics about the safeguarding and promotion of children's rights and the creation of a safe and engaging environment where positive development can take place. 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. This award will enable them to work as child care practitioners.

F'dan il-programm ta' sentejn, l-għalliema jagħtu importanza kbira lill-komponenti prattiċi li jiffurmaw parti integrali mill-programm. L-istudenti jiġu mgħallma kif josservaw lit-trabi u t-tfal iż-żgħar f'ambjent ta' snin bikrija, biex ikunu jistgħu jgħinu lit-tfal jilhqqu l-potenzjal massimu tagħhom. Jintużaw metodi innovattivi biex jiġu pjanati attivitajiet għal tfal f'ambjent tal-kura tat-tfal. Lezzjonijiet oħra jinkludu suġġetti dwar il-ħarsien u l-promozzjoni tad-drittijiet tat-tfal u l-ħolqien ta' ambjent sikur u motivanti fejn jista' jseħh żvilupp pożittiv. Fi tmiem l-ewwel sena akkademika, l-istudenti li jtemmuha b'suċċess ikollhom l-għażla li ma jkomplux l-istudj tagħhom u jingħataw l-MCAST Award in Children's Care, Learning and Development. Permezz ta' din iċ-ċertifikazzjoni, huma jkunu jistgħu jaħdmu bħala prattikanti fil-qasam tal-kura tat-tfal.

ENTRY REQUIREMENTS

MCAST Diploma in Health and Social Care or MCAST Diploma in Sport or MCAST Diploma in Performing Arts or MCAST Diploma in Art and Design or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: English Language, Maltese, Mathematics

Prior to embarking on any Placement, learners need to:

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

CAREER OPPORTUNITIES

Child care practitioner

MODE

Work placement



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in ELECTRICAL SYSTEMS

COURSE CODE
EE4-A2-21G

This course is intended for learners who wish to embark on a career as technicians in electrical power systems (domestic and industrial sectors). The course includes requirements as set by the Regulator for Energy and Water Services (REWS) for 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 Engineering and Electronic Control Systems that give candidates a solid grounding in the engineering involved in the building services industry. Candidates will also receive exposure to Mechanical Workshop Practice. Apart from preparing students to work as technicians, the course design also prepares graduands for further studies at Degree level.

Dan il-kors huwa maħsub għall-istudenti li jixtiequ jibdew karriera bħala teknixins fis-sistemi tal-enerġija elettrika, kemm għas-settur domestiku kif ukoll għal dak industrijali. Il-kors għe mfassal biex 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 jipprovdi 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 wkoll unitajiet ta' studju relatati ma' Sistemi Fotovoltajċi, Sistemi tal-Inginerija tas-Servizzi tal-Bini u Sistemi tal-Kontroll Elettroniku, li jipprovdu lill-istudenti bazi soda għall-inginerija involuta fl-industrija tas-servizzi tal-bini. Il-kandidati jwettqu wkoll Prattika f'Workshop Mekkaniku, għal programm ta' taħriġ aktar holistiku. Minbarra li jhejji lill-istudenti biex isiru teknixins tajbin, id-disinn tal-kors iħejjihom ukoll biex ikomplu l-istudji tagħhom sal-livell ta' baċellerat.

ENTRY REQUIREMENTS

MCAST Diploma in Engineering (Electronics) or MCAST Diploma in Electrical Installations or MCAST Diploma in ICT or MCAST Diploma in Heating, Ventilation and Air-Conditioning or MCAST Diploma in Building Services Installations (Plumbing or Plumbing and Electrical) or MCAST Diploma in Welding and Fabrication or MCAST Diploma in Automotive Repair (Body and Paint) or MCAST Diploma in Light Vehicle Servicing or MCAST Diploma in Mechanical Engineering or MCAST Diploma in Aircraft Maintenance or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: One subject from Mathematics or Physics and One subject from Engineering Technology, Design and Technology, Chemistry, Mathematics, Physics;

A medical certificate testing Colour Blindness is a necessary requirement for the course.

CAREER OPPORTUNITIES

**Electrician;
Electrical technician (plant)**

MODE

Apprenticeship



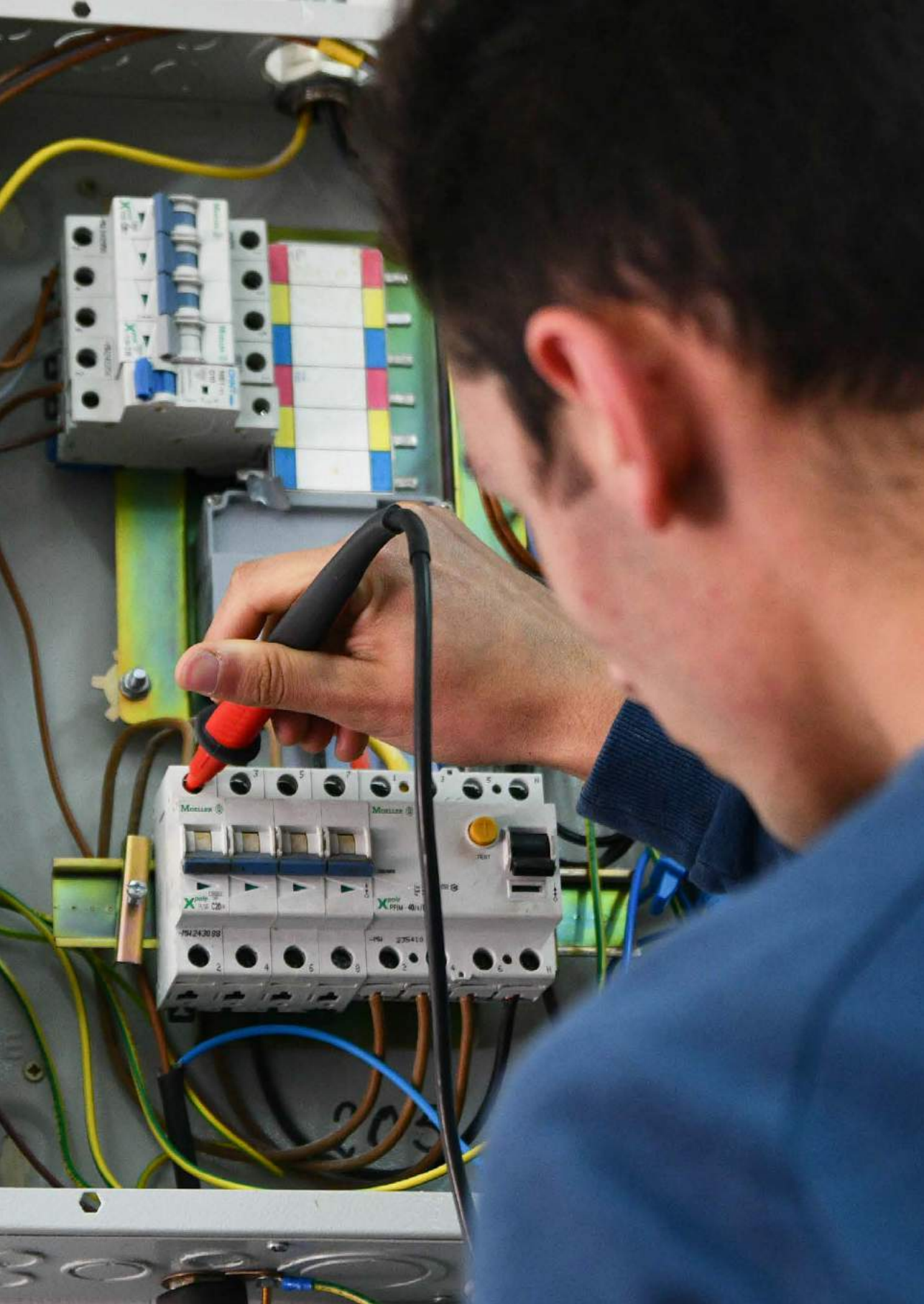
MQF LEVEL
Level 4



COURSE DURATION
3 Years full-time

120

ECVET



Advanced Diploma in IT (Computer Systems and Networks)

COURSE CODE
IT4-A1-21G

The IT industry is a dynamic sector which requires a number of highly skilled technical personnel to cope with constantly changing customers' demands and new innovative technologies. This course is the first step towards entering the field of computer networks. It provides learners with core computer networking skills. At this level, they will be exposed to the design, implementation and administration of small to medium sized networks. The first year of this course will be common to all learners following the Advanced Diploma. During the second year of studies, learners will be focusing on networking subjects such as LAN switching, routing, server management and virtualisation. This course includes work-related training and practice.

L-industrija tal-IT hija settur dinamiku li jirrikjedi għadd ta' impjegati teknici bi kwalifiki għoljin biex ilaħħqu mal-ħtiġijiet tal-kljenti li dejjem jinbidlu u mat-teknoloġiji innovattivi ġodda. Dan il-kors huwa l-ewwel pass biex wieħed jidhol fl-qasam tan-netwerks tal-kompjuter. Huwa jipprovdi lill-istudenti l-ħiliet ewlenin tan-netwerking tal-kompjuter. F'dan il-livell, l-istudenti jiltaqgħu mad-disinn, l-implimentazzjoni u l-amministrazzjoni ta' netwerks żgħar u medji. L-ewwel sena ta' dan il-kors tkun l-istess għall-istudenti kollha li jkun qad isegwu l-Advanced Diploma. Fit-tieni sena, l-istudenti jiffokaw fuq suġġetti tan-netwerking bħal-LAN switching, ir-routing, il-ġestjoni tas-server u l-virtwalizzazzjoni. Dan il-kors jinkludi taħriġ u prattika relatati max-xogħol.

ENTRY REQUIREMENTS

MCAST Diploma in IT or MCAST Diploma in iGaming or 4 SEC/O-Level/SSC&P (Level 3) passes
Compulsory: Mathematics and One subject from Computer Studies, Physics, Information Technology
Preferred: English Language

CAREER OPPORTUNITIES

Junior/assistant systems administrator;
Junior/ assistant network administrator;
Junior/assistant database administrator;
IT end user support

MODE

Apprenticeship



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in IT (Multimedia Software Development)

COURSE CODE
IT4-03-21G

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-hiliet meħtieġa mill-kumpaniji. Il-multimidja tinkorpora t-test, is-sound, il-grafika, l-animazzjoni, l-immagnijiet fissi u l-vidjo flimkien mat-teknoloġija tal-kompjuter. Il-kors jipprovdi lill-istudenti l-hiliet ewlenin fl-iżvilupp tas-software, flimkien mal-gharfien 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 igibu 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 **4 SEC/O-Level passes/SSC&P (Level 3) passes**
Compulsory: Mathematics and One subject from Computer Studies, Physics, Information Technology
Preferred: English Language, Art, Graphical Communication

CAREER OPPORTUNITIES

Junior front-end developer;
Junior game developer;
Junior mobile application developer



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Advanced Diploma in IT (Software Development)

COURSE CODE

IT4-04-21G

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-prattici 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-hiliet ewlenin fl-iżvilupp tas-software, flimkien mal-gharfien 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 4 SEC/O-Level passes/SSC&P (Level 3) passes
Compulsory: Mathematics and One subject from Computer Studies, Physics, Information Technology
Preferred: English Language

CAREER OPPORTUNITIES

User support;
Junior software tester;
Junior software developer;
Junior database developer;
Junior web developer



MQF LEVEL
Level 4



COURSE DURATION
2 Years full-time

120

ECVET

Higher Diploma in ADVANCED STUDIES IN THE EARLY YEARS

COURSE CODE
CS5-01-21G

This course of study provides ample opportunities to find employment at the end of the two-year programme. The study-units are designed in a manner that provides a strong link between theoretical concepts and hands-on practice during the work placements. Lectures focus on guiding the undergraduates on how to make learning for young children stimulating and fun, in a safe and healthy environment. Upon completion of this programme, the undergraduates may proceed to the final year of the Bachelor of Arts (Honours) in Early Childhood Education and Care (ECEC) within the Faculty of Education, University of Malta, subject to fulfilling a number of requirements relating to proficiency in the Maltese and English languages.

Dan il-kors ta' studju jipprovdi opportunitajiet tajbin ta' impjeg fi tmiem il-programm ta' sentejn. L-unitajiet ta' studju huma mfassla b'tali mod li jipprovdu rabta qawwija bejn il-kuncetti teoretici u l-prattika diretta waqt il-work placements. Il-lezzjonijiet jiggwidaw lill-istudenti dwar kif it-tagħlim jista' jkun stimulanti u ta' divertiment għat-tfal iż-żgħar, f'ambjent sikur u tajjeb għas-saħħa. Mat-tlestija ta' dan il-programm, l-istudenti jkunu jista' jkomplu bl-istudju tagħhom fl-aħħar sena tal-Bachelor of Arts (Honours) in Early Childhood Education and Care (ECEC) fil-Fakultà tal-Edukazzjoni, l-Università ta' Malta, basta jkunu jissodisfaw numru ta' rekwiżiti relatati mal-profiċjenza fil-lingwa Maltija u dik Ingliża.



MQF LEVEL
Level 5



COURSE DURATION
2 Years full-time

120

ECTS

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, English, Maltese Applicants need to be in possession of a pass at SEC/O-Level in the subject that is not presented at A-level or I-level;

Prior to embarking on any Placement, learners need to:

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

CAREER OPPORTUNITIES

Childcare coordinator;
Early years educator

MODE

Work placement

Bachelor of Arts (Honours) in INCLUSIVE EDUCATION

COURSE CODE
CS6-03-21G

This programme of study focuses on how educational institutions in general, and the classroom settings specifically, can become more inclusive to cater for different individual needs. During the three-year duration of the programme, the undergraduates tackle a variety of study-units aimed at identifying what barriers exist which may be preventing some students from accessing quality education. Furthermore, the study-units also explore innovative techniques on how these barriers can be overcome so that all students feel valued during compulsory schooling years, and possibly beyond. This course comprises a strong practical component and includes internship opportunities aimed at developing a mindset of promoting inclusive communities that celebrate diversity and cater for the diverse needs of different groups of students.

NOTE:

The first two years of this course are offered at the Gozo Campus while the final year is held at the MCAST Main Campus in Paola, Malta.

Dan il-programm ta' studju jiffoka fuq kif l-istituzzjonijiet edukattivi b'mod generali, u l-ambjenti tal-klassi b'mod speċifiku, jistgħu jsiru aktar inkluzivi biex jilhqnu htigijiet individwali differenti. Matul it-tliet snin tal-programm, l-istudenti tal-bacellerat jitrattaw varjetà ta' unitajiet ta' studju, bil-għan li jġu identifikati liema ostakoli jistgħu jkunu qegħdin ma jhallux lill-istudenti kollha jkollhom aċċess għal edukazzjoni ta' kwalità. Barra minn hekk, l-unitajiet ta' studju jespjoraw ukoll tekniki innovattivi dwar kif jistgħu jinghelbu dawn l-ostakoli sabiex l-istudenti kollha jhossuhom stmati matul is-snin tal-edukazzjoni obbligatorja, u possibilmnt ukoll fis-snin ta' wara. Dan il-kors jinkludi komponent prattiku b'saħħtu, u jinkludi opportunitajiet ta' internship immirati lejn l-iżvilupp ta' mentalità li tippromwovi l-promozzjoni ta' komunitajiet inkluzivi li jiċċelebraw id-diversità.

NOTA:

L-ewwel sentejn ta' dan il-kors jiġu offruti fil-Kampus ta' Għawdex, filwaqt li l-aħhar sena ssir fil-Kampus Eżelien tal-MCAST f'Rahaħ Ċidid, Malta.



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180

ECTS

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Children's Care, Learning and Development or MCAST Advanced Diploma in Health and Social Care
or **2 A-Level passes and 2 I-Level passes, to include at least one A-Level and one I-Level from Mathematics, English, Maltese, Philosophy, Sociology, Psychology**

CAREER OPPORTUNITIES

Learning support educator (LSE)

MODE

Work placement

ACCA

Qualification

COURSE CODE
BC7-01-21G

An ACCA Qualification is a path that leads to becoming an internationally recognised Chartered Certified Accountant, and can take your career in any direction. It is a rewarding and intense course with a number of Professional Courses which allow the students to have a rigorous qualification that is accepted across the globe. The ACCA course is the perfect choice for a career in Accountancy and the perfect milestone on anyone's route to becoming a qualified finance professional. The course content is fully administered and managed by ACCA. As an authorised training provider, MCAST delivers a specific programme aimed to enable learners to achieve the prestigious ACCA qualification. The programme provides different exit routes at MQF Levels 6 and 7. Learners incur fees payable to ACCA for any membership and exam administration.

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.

Kwalifika tal-ACCA hija triq li twassal biex issir Chartered Certified Accountant rikonoxxut fuq livell internazzjonali, u tista' tizviluppa l-karriera tiegħek fi kwalunkwe direzzjoni. Huwa kors intensiv u li jagħti hafna sodisfazzjon b'ghadd ta' Korsijiet Profazzjonali li jwasslu biex l-istudenti jakkwistaw kwalifika rigoruza li hija accettata madwar id-dinja. Il-kors tal-ACCA huwa l-ghazla perfetta għal min jixtieq karriera fl-Accountancy u stadju importanti perfett fit-triq ta' kull min jixtieq isir profazzjonist kwalifikat fil-qasam tal-finanzi. Il-kontenut tal-kors huwa amministrat u mmexxi totalment mill-ACCA. Bħala fornitur ta' taħriġ awtorizzat, l-MCAST iwassal programm speċifiku, bil-għan li jippermetti lill-istudenti jkksbu l-kwalifika prestiġjuza tal-ACCA. Il-programm jipprovi rotat ta' hrug differenti fil-Livelli 6 u 7 tal-MQF. L-istudenti jkunu meħtieġa jħallsu l-miżati lill-ACCA għal kwalunkwe sħubija u amministrazzjoni tal-eżamijiet.

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 (jigħidni l-aħhar sentejn tal-programm ta' studju), jinżammu fil-Kampus Ewlieni tal-MCAST f'Rahaħ Gdid, Malta.

ENTRY REQUIREMENTS

MCAST Advanced Diploma in Accounting or 2 A-Level and 2 I-Level passes
Compulsory A-Level
or I-Level or SEC/O-Level: Mathematics, English Language Preferred A-Level or SEC/O-Level: Economics, Accounts

CAREER OPPORTUNITIES

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

MODE

Work experience



MQF LEVEL
Level 6/7



COURSE DURATION
4 Years full-time

202

ECTS

GENERAL

Degrees

These 5 degrees each have the following interim 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 skills-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 credits:

- 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 that are managed by the College.

Dawn il-hames baċċellerati kollha joffru stadji differenti meta partecipant ikun jista' jhalli l-kors. L-aħħar stadju jkun meta jintlaħqu 180 ECTS li jikkwalifikaw lill-istudent biex jiggradwa formalment.

- **L-ewwel stadju:** Undergraduate Diploma b'60 ECTS (l-istudenti li jtilqu mill-kors fi tmiem dan l-istadju jkunu eligibbli għal transcript);
- **It-tieni stadju:** Higher Diploma b'120 ECTS (l-istudenti li jtilqu mill-kors fi tmiem dan l-istadju jkunu eligibbli għal transcript);
- **It-tielet stadju:** Baċċellerat b'180 ECTS (fi tmiem dan l-istadju l-istudenti jkunu eligibbli biex jiggradwaw formalment).

Dawn il-programmi jibdew fit-tieni simestru ta' kull sena akkademika, jiġifieri għall-ħabta tat-tieni ġimgħa shiħa ta' Frar. Dawn il-baċċellerati huma ta' natura ġenerika u għalhekk ma huma speċifiċi għall-ebda industrija. Huma jipprovdu lill-istudenti firxa wiesgħa ta' fillet trasversali, flimkien ma' kompetenzi tajbn hafna fil-qasam ta' studju ewlieni tal-kors. Kull programm jirrikjedi taħlita ta' credits kif jidher hawn taħt:

- *Mhux inqas minn 48 ECTS minn unitajiet vokazzjonali miksuba minn programm ezistenti ta' baċċellerat bl-unuri;*
- *Mhux aktar minn 48 ECTS minn programmi ezistenti ta' baċċellerat offruti mill-istess Istitut (jekk it-time-tables ikunu jippermettu);*
- *Sa massimu ta' 60 ECTS f'fillet bażici u suġġetti trasversali minn kwalunkwe Istitut (jekk it-time-tables ikunu jippermettu);*
- *12-il ECTS miksuba minn esperjenza fuq 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/wahda minnhom jiffirma/tiffirma Ftehim għal Studenti Akkademici, li jkun immexxi mill-Kulleġġ, u li jkun speċifiku għal dak/dik l-istudent/a partikolari.

Bachelor of **APPLIED SCIENCE**

COURSE CODE
AS6-06-21



MQF LEVEL
Level 6



COURSE DURATION
3 Years Full Time

180
ECTS

Bachelor of **APPLIED BUSINESS STUDIES**

COURSE CODE
BC6-04-21



MQF LEVEL
Level 6



COURSE DURATION
3 Years Full Time

180
ECTS

Bachelor of **COMMUNITY-BASED SERVICE PROVISION**

COURSE CODE
CS6-04-21



MQF LEVEL
Level 6



COURSE DURATION
3 Years Full Time

180
ECTS

Bachelor of **CREATIVE ARTS**

COURSE CODE
CA6-11-21



MQF LEVEL
Level 6



COURSE DURATION
3 Years Full Time

180
ECTS

Bachelor of **APPLIED TECHNOLOGY**

COURSE CODE
ET6-01-21



MQF LEVEL
Level 6



COURSE DURATION
3 Years Full Time

180
ECTS

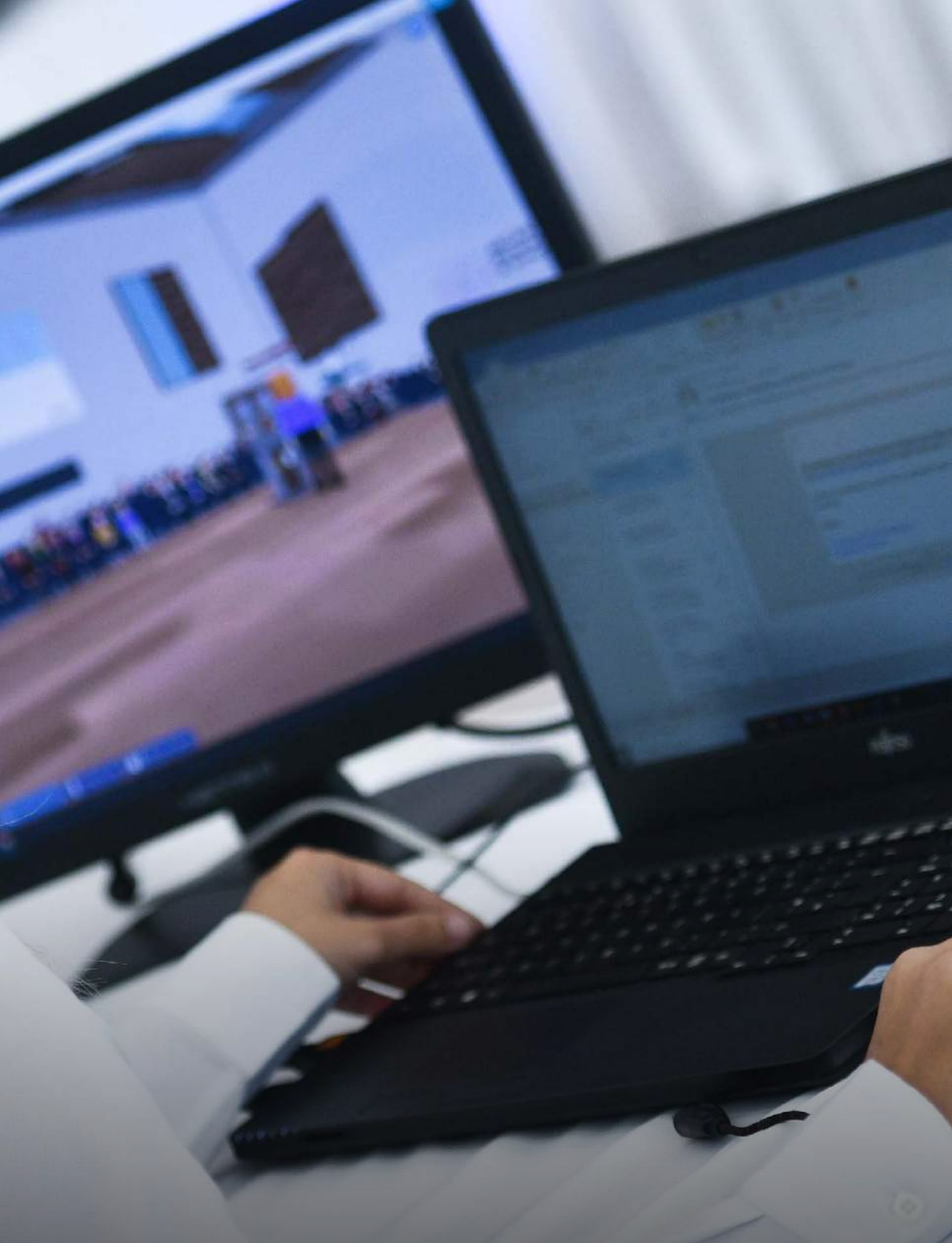
ENTRY REQUIREMENTS

MCAST Advanced Diploma or 2 A-Level passes and 2 I-Level passes



MASTERS

Degrees



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Master by **RESEARCH**

COURSE CODE
RI7-02-21

The Masters 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.

Il-programm Masters by Research (MRes) jipprovdi lill-istudent għarfien prattiku sod u esperjenza bi thejjiġa għal karriera fir-riċerka, kif ukoll thejjiġa u taħriġ għal riċerka fil-livell tad-dottorat. L-istudenti jkunu wrew oriġinalità fil-applikazzjoni tal-għarfien, u jifhemu kif il-fruntieri tal-għarfien jitwessgħu permezz tar-riċerka. Huma jkunu jistgħu jittrattaw kwistjonijiet kumplessi, b'mod sistematiku u kreattiv, u juru oriġinalità fil-mod li jindirizzaw u jsolvu sfidi relatati mar-riċerka applikata.



MQF LEVEL
Level 7



COURSE DURATION
**18 months full-time
or 36 months part-time**

90

ECTS

ENTRY REQUIREMENTS

A relevant MQF/EQF Level 6 degree at second class or higher;

An MQF/EQF Level 6 degree, which is regarded by MDC as equivalent to an Honours degree such as professional qualifications subject, plus a portfolio evidencing relevant work experience for at least three years.

EXIT STRATEGY

Full Master (90 Credits)

MODE

Blended

FEES

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

Master in RETAIL

COURSE CODE
RI7-01-21

This Master 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. This programme assesses analytical skills essential for operating and marketing in an international retail environment with a view to putting this knowledge into practice. The Master in Retail is structured to reflect the needs of modern business retail dynamics. The Master in Retail is taught by industry experts and leading academics who have had successful careers in their respective business settings.

Dan il-kors ta' Master in Retail jiffoka fuq it-tagħlim u l-applikazzjoni Prattika ta' kunċetti essenzjali fl-operat u r-reklamar tan-negozju bl-innut. Il-programm iwassal lill-istudenti biex jifhmu l-ambjent kontemporanju tan-negozju bl-innut, filwaqt li jiġu eżaminati problemi tipiċi relatati mat-tmexxija u r-reklamar f'negozju ta' din ix-xorta. Jiġu kkunsidrati hliet analitiċi li huma essenzjali għall-operat u r-reklamar ta' bejgħ bl-innut f'ambjent internazzjonali bl-iskop li dan l-għarfien jiġipogġa fil-prattika. Il-kors huwa strutturat biex jirrifletti l-htigijiet tad-dinamika moderna tas-settur tal-bejgħ bl-innut. Il-Master in Retail huwa mgħalllem minn esperti fl-industrija u akkademici ewlenin li kellhom karriera ta' suċċess fil-qasam rispettiv tagħhom.

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

INTAKE INFO

October 2021

EXIT STRATEGY

**Post-Graduate Certificate in Retail (30 ECTS);
Post-Graduate Diploma in Retail (60 ECTS);
Master in Retail (90 ECTS)**

MODE

Blended

FEES

Fees apply to external candidates – Further information through MGZi (MCAST Gateway to Industry).



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

Master in **ARTIFICIAL INTELLIGENCE FOR INDUSTRY 4.0**

COURSE CODE
R17-06-21

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 Masters 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 with the Fundamentals of AI, Machine Learning, Neural Networks, Social Implications, Ethics, Regulation and Business Analysis proficiencies. The MCAST Masters 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.

L-implimentazzjoni tal-Intelliġenza Artifiċjali fi hdan l-industrija 4.0 tinfluwenza l-industriji kollha inklużi l-manifattura, is-settur pubbliku, l-edukazzjoni u hafa aktar, partikolarment billi l-industrija 4.0 tiffoka hafa fuq l-interkonnnettività, l-awtomazzjoni, it-tagħlim tal-magni u d-dejta f'hin reali. Il-Masters jiffoka fuq l-għarfien ewlieni meħtieġ biex jissolvew l-isfidi tan-negozji u jagħtu vantaġġ kompetittiv permezz tal-applikazzjoni ta' teknoloġiji tal-Intelliġenza Artifiċjali. Jipprovdi l-għarfien teoretiku u Prattiku biex persuna taħdem fost l-industriji u jimplimenta l-AI fejn meħtieġ. Il-gradwati ser jitalmu sew il-Fundamentali tal-AI, Machine Learning, Netwerks Neuronal, Implikazzjonijiet Soċjali, Etika, Regolamentazzjoni u profiċjenzi tal-Analiżi tan-Negozju. Il-Masters tal-MCAST fl-AI għall-Industrija 4.0 huwa mgħallem minn esperti tal-industrija u akkademici ewlenin li huma involuti b'mod attiv f'karrieri ta' suċċess fl-oqsma rispettivi tagħhom.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

A relevant first Degree in the sciences, technological or social sciences domains;

Candidates must also have 2 years full time industry work experience

CAREER OPPORTUNITIES

This is conducive to the more senior business, management, technologist, and other senior personnel who will act as change agents in their organizations through the application of AI.

EXIT STRATEGY

Post-Graduate Certificate in Artificial Intelligence for Industry 4.0 (30 Credits);

Post- Graduate Diploma in Artificial Intelligence for Industry 4.0 (60 Credits);

Full Master in Artificial Intelligence for Industry 4.0 (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)

Master in RESEARCH METHODS

COURSE CODE

R17-05-21

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. It 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 the preparation and training for a research endeavour at doctoral level.

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 jiddisinnaw u jżviluppaw hilet ta' riċerka awanzati 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 u li jilhqqu l-livell addattat biex ikunu jistgħu jiġu ppubblikati. Il-kors jagħti lill-partecipanti tagħrif prattiku sod u esperjenza bi thejġija għal karriera b'element qawwi ta' riċerka, kif ukoll bi preparazzjoni u taħriġ għal xogħol ta' riċerka f'livell ta' dottorat.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree at 180 ECTS or more;

An MQF Level 5 qualification and adequate professional experience may also be considered for mature students

INTAKE INFO

October 2021

EXIT STRATEGY

Post-Graduate Certificate in Research Methods (30 ECTS);

Post-Graduate Diploma in Research Methods (30 additional ECTS, total at 60 ECTS);

Master in Research Methods (30 additional ECTS, total at 90 ECTS)

MODE

Blended

FEES

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

Note: MCAST provides sponsorships for the 'Post-Graduate in Research Methods' component to full-time MCAST staff.

Master of Business Administration for **THE SMALL BUSINESS (MBA)**

COURSE CODE
BC7-01-21

The MCAST MBA for the Small Business programme focuses on the small businesses' theoretical knowledge, application-oriented experiences as well as the identification of innovation possibilities and growth potentials. This MBA is structured to reflect the needs of modern business dynamics. The MCAST MBA is taught by industry experts and leading academics who have had successful careers in their respective business settings.

Il-programm MBA for the Small Business tal-MCAST jiffoka fuq l-għarfien teoretiku relatat ma' negozji żgħar, esperjenzi fl-applikazzjoni ta' dan l-għarfien, kif ukoll l-identifikazzjoni ta' possibiltajiet ta' innovazzjoni u potenzjali ta' tkabbir. Dan l-MBA huwa strutturat biex jirrifletti l-htigijiet tad-dinamika tan-negozju modern. L-MBA tal-MCAST huwa mgħallem minn esperti fl-industrija u persuni akkademiċi ewlenin li rnexxew fil-karriera tagħhom fl-ambjenti rispettivi tan-negozju tagħhom.



MQF LEVEL
Level 7



COURSE DURATION
6 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate Business Administration for the Small Business (30 Credits);

Post-Graduate Diploma Business Administration for the Small;

Business (60 Credits);

Full MBA (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)

Master of Science in **LEAN ENTERPRISE**

COURSE CODE

BC7-09-21

The Master of Science in Lean Enterprise includes lean problemsolving methodologies, and demonstrates contemporary lean thinking principles, lean enterprise development and value stream mapping, including modern enterprise improvement techniques such as Six Sigma, the theory of constraints and business process re-engineering. It applies process analysis to business activities, methods improvement and work measurement to meet the competitive goals of a business environment. It evaluates the key characteristics of quality and the quality philosophy through established lean methods of quality improvement.

Il-Master of Science in Lean Enterprise jinkludi metodoloġġi għas-soluzzjoni ta' problemi b'użu mill-inqas ta' riżorsi; jippreżenta principli ta' ħsieb kontemporanju fl-użu mill-inqas ta' riżorsi, l-iżvilupp tal-intrapriżi b'użu mill-inqas ta' riżorsi u l-immappjar tal-fluss tal-valur, inklużi tekniki moderni għat-titjib tal-intrapriżi bħas-Six Sigma, it-teorja ta' restrizzjonijiet u l-inginerija mill-ġdid tal-proċess tan-negożju; japplika l-analiżi tal-proċess f'attivitajiet tan-negożju, fit-titjib tal-metodi u fl-kejl tax-xogħol biex jiġu sodisfatti l-għanijiet kompetittivi ta' ambjent tan-negożju; jevalwa l-karatteristiċi ewlenin tal-kwalità u l-filosofja tal-kwalità permezz ta' metodi stabbiliti ta' titjib tal-kwalità b'użu mill-inqas ta' riżorsi.

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Lean Enterprise (30 Credits);

Post-Graduate Diploma in Lean Enterprise (60 Credits);

Full Master in Lean Enterprise (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

Master of Science in **INFORMATION TECHNOLOGY AND SYSTEMS**

COURSE CODE
IT7-014-21

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

Il-Master of Science in Information Technology and Systems jipprovdi hiliel fundamentali f'varjetà ta' oqsm aavanzati tal-ICT, b'hall-cloud computing, il-big data u l-Internet tal-Oggetti (IoT), b'enfasi fuq l-iżvilupp ta' soluzzjonijiet intelligenti, kemm bl-użu ta' hardwer kif ukoll ta' softwer. Il-programm jiffoka fuq is-softwer bhala infrastruttura ta' servizz, il-ġestjoni tal-informazzjoni, is-sistemi tal-intrapriżi u l-loġistika elettronika. Issir enfasi wkoll fuq l-istrategġja u l-ġestjoni tas-sistemi, l-innovazzjoni tal-proċess tan-negozju u cyber security. L-elementi ewlenin tal-programm huma t-teknoloġġji tas-sigurtà tan-netwerk u l-ġestjoni tad-data, kif ukoll in-netwerking definit mis-softwer, u l-qasam il-ġdid tal-hashing u l-komputing distribwit, karatterizzat minn sistemi distribwiti tal-kontroll tal-verżjoni u applikazzjonijiet tal-cryptocurrency ibbażati fuq il-blockchain.

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Information Technology and Systems (30 Credits);

Post- Graduate Diploma in Information Technology and Systems (60 Credits);

Full Master in Information Technology and Systems (90 Credits)

MODE

Blended

FEEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)


MQF LEVEL
Level 7


COURSE DURATION
5 Semesters

90
ECTS

Master of Science in **ENVIRONMENTAL ENGINEERING**

COURSE CODE
AS7-07-21

The Master of Science in Environmental Engineering programme 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 hazards. A special focus on environmental auditing and impact assessment shall be made, particularly in water, energy, noise and traffic auditing.

Il-programm tal-Master of Science in Environmental Engineering jadotta approċċ interdixiplinari fl-investigazzjoni ta' proċessi li jikkontrollaw iddinja u l-ambjent tagħha. Il-programm jipprezenta l-għarfien u l-ħiliet kollha neċessarji biex jinħatfu l-opportunitajiet ipprezentati mill-iżviluppi godda f'oqsma bħaċ-ċikli globali, il-bijogeokimika, it-teknologiji sostenibbli, it-trattament tal-ilma u l-iskart, il-valutazzjoni u r-rimedju tat-tniġġis ambjentali, u l-perikli naturali. Issir enfasi speċjali fuq l-awditjar ambjentali u l-valutazzjoni tal-impatt, b'mod partikolari fl-awditjar tal-ilma, l-enerġija, l-istorbju u t-traffiku.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Environmental Engineering (30 Credits);

Post- Graduate Diploma in Environmental Engineering (60 Credits);

Full Master in Environmental Engineering (90 Credits)

MODE

Blended

FEEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)

Master of Science in **HIGH PERFORMANCE BUILDINGS**

COURSE CODE
CE7-013-21

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 operation, 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.

Il-Master of Science in High Performance Buildings (HPB) jipprovdi lill-kandidati l-opportunità li jżviluppaw kunċetti ta' bini ottimizzati, bl-integrazzjoni ta' diversi komponenti tal-metodologija tad-disinn holistiku, il-fiżika tal-bini, il-klimatologija u l-kumdità tal-bini, l-effiċjenza fl-enerġija, is-sorsi ambjentali, is-sistemi tas-servizzi tal-bini, l-ajrudinamika tal-bini, is-simulazzjonijiet termali u fluwidi dinamiċi tas-CFD, id-disinn tat-tidwil, l-operat tal-bini, kif ukoll l-immudellar ekoloġiku urban. Il-programm jipprovdi ħiliet avvanzati fl-ispeċjalizzazzjoni u r-riċerka xjentifika tal-fiżika tal-bini, flimkien mad-disinn tal-arkitettura, flwaqt li jhejji lill-istudenti għal ambjenti professjonali kif ukoll tar-riċerka u l-iżvilupp fil-livelli nazzjonali u internazzjonali.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in High Performance Buildings (30 Credits);

Post-Graduate Diploma in High Performance Buildings (60 Credits);

Full Master in High Performance Buildings (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)

Master of Science in **INTEGRATED WATER RESOURCE MANAGEMENT**

COURSE CODE
AS7-08-21

The Master of Science in Integrated Water Resource Management programme shall impart in-depth knowledge and practical experience in applied science aspects of water systems in small island states, with a focus on water measurement, water sustainability, water consumption, water chemistry, microbiology and analytics. The course comprises a range of practical modules in water metering, sensing and measurement, applied microbiology, biofouling/biocorrosion, chemometrics, environmental microbiology and water chemistry.

Il-programm tal-Master of Science in Integrated Water Resource Management jipprovdi għarfien fil-fond u esperjenza Prattika fl-aspetti tax-xjenza applikata għal sistemi tal-ilma fi stati komposti minn gżejjer żgħar, b'enfasi fuq il-kejl tal-ilma, is-sostenibbiltà tal-ilma, il-konsum tal-ilma, il-kimika, il-mikrobjoloġija u l-analitika tal-ilma. Il-kors jinkludi firxa ta' unitajiet Prattici fil-kejl tal-konsum tal-ilma, id-detezzjoni tal-ilma, il-mikrobjoloġija applikata, il-bijoinkrostażżjoni/ il-bijokorruzzjoni, il-kemometrija, il-mikrobjoloġija ambjentali u l-kimika tal-ilma.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Integrated Water Resource Management (30 Credits);

Post- Graduate Diploma in Integrated Water Resource Management (60 Credits);

Full Master in Integrated Water Resource Management (90 Credits)

MODE

Blended

FEES

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

Master of Arts in **PRODUCT DESIGN**

COURSE CODE
CA7-011-21

The Master of Arts in Product Design 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.

Il-programm tal-Master of Arts in Product Design jizviluppa l-hiliet artistici u umanistici li jappartjenu għall-kultura tad-disinn, flimkien mal-għarfien espert tekniku li jirrigwarda t-teknologija tal-produzzjoni, il-materjali u l-ispejjeż tal-manifattura. Dan ifittex li jissodisfa l-htieġa tal-operat f'pajsaġġ dinji ta' kompetizzjoni qawwija, fejn id-disinjatur jista' jzid il-valur ta' prodott għall-konsumatur billi johloq innovazzjoni – kemm fl-estetika kif ukoll fl-użu – li tiegħu vantaġġ mit-teknoloġiji disponibbli u l-istili ta' haġja tal-konsumatur li dejjem jinbidlu. Il-kandidati jizviluppaw kapaċità kritika aħjar biex jespjoraw lingwi tad-disinn kontemporanji, jiffokaw fuq esperimentazzjoni b'teknoloġiji interdixiplinari u materjali innovattivi, mill-kunċett preliminari sat-tlestija, u jiffokaw fuq il-fehm u l-izvilupp ta' proċessi ta' produzzjoni u konsum sostenibbli.


MQF LEVEL
Level 7


COURSE DURATION
5 Semesters

90
ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

**Post-Graduate Certificate in Product Design (30 Credits);
Post-Graduate Diploma in Product Design (60 Credits);
Full Master in Product Design (90 Credits)**

MODE

Blended

FEES

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

Master of Science in **MECHATRONICS**

COURSE CODE

ME7-012-21

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 shall apply the theoretical principles of industrial robotics and mechatronics, mechatronic and robotic actuators, and modern technologies of microcontroller applications.

Il-programm tal-Master of Science in Mechatronics jipprovdi lill-istudenti firxa wiesgħa ta' għarfien u ħiliet fil-qasam talawtomatizzazzjoni u l-kontroll ta' proċessi tal-produzzjoni u t-tagħmir, kif ukoll fil-qasam ta' apparat mekatroniku u l-kontroll tas-sistemi. 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 (IlKontroll Superviżorju u l-Akkwist tad-Data). L-użu prattiku ta' sistemi ta' ħin reali huwa wkoll parti importanti tal-programm. L-istudenti jkunu meħtieġa japplikaw il-prinċipji teoretiċi tar-robotika u l-mekatronika industrijali, tal-attwaturi tal-mekatronika u tar-robotika, u t-teknoloġiji moderni ta' applikazzjonijiet ta' mikrokontrolluri.

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Mechatronics (30 Credits)

Post-Graduate Diploma in Mechatronics (60 Credits)

Full Master in Mechatronics (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

Master of Science in **EXERCISE AND SPORTS SCIENCE**

COURSE CODE
CS7-010-21

The Master of Science in Exercise and Sports Science presents a multidisciplinary focus on helping students 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.

Il-Master of Science in Exercise and Sport Science jiffoka fuq dixxiplini differenti biex jgħin lill-istudenti jifhmu r-relazzjoni bejn is-saħħa u l-prestazzjoni umana. Bħala programm akkademiku, dan il-Master of Science jintroduci lill-istudenti għar-riċerka transnazzjonali u jipprovdi bażi essenzjali mil-lat tal-fizjoloġija, il-bijomekkanika, il-movimenti tal-bniedem u l-psikoloġija. Bl-adozzjoni tal-approċċ ekoloġiku soċjali biex jiġu indirizzati l-ħtiġijiet għas-saħħa tal-haddiema f'Malta u l-prestazzjoni tagħhom, il-programm 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.



MQF LEVEL
Level 7



COURSE DURATION
5 Semesters

90

ECTS

ENTRY REQUIREMENTS

Relevant degree;

MQF Level 5 qualification and adequate professional experience are also considered

EXIT STRATEGY

Post-Graduate Certificate in Exercise and Sports Science (30 Credits);

Post-Graduate Diploma in Exercise and Sports Science (60 Credits);

Full Master in Exercise and Sports Science (90 Credits)

MODE

Blended

FEES

Fees apply

Further information through MG2i (MCAST Gateway to Industry)

Master of Science in AEROSPACE ENGINEERING

COURSE CODE

AM7-01-21

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 the today's challenge 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. This Master course objective is to provide to the graduates 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 highly targeted learning aerospace pathway aims at developing career-enhancing skills for aerospace professional in the aviation sector and in the expanding civilian space business in fields such as the management, maintenance and conversion of aircraft, 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, such as: Structures and Measurements for Aerospace; Aerodynamics; Space Technologies.

Il-Master of Science in Aerospace Engineering offrut mill-MCAST għandu l-għan li jiffirma gradwati li jkunu kapaci jiddisinjaw u jimplementaw proġetti aerospazjali li jiffukaw fuq teknoloġiji aktar produttivi imma li ma jagħmux ħsara lill-ambjent. Dan sabiex jirrispondu għall-isfida tal-lum, ta' sema aktar nadif u ambjent inqas storbuż u mnigġes, kif ukoll biex jiżviluppaw trasport iktar sikur, veloci u rħis għal soċjetà li qiegħda tikber. L-iskop ta' dan il-kors ta' Master huwa li jagħti lill-gradwati prospettivi l-ħiliet mitluba minn kumpaniji nazzjonali u internazzjonali fil-qasam tal-aerospazju, kif ukoll il-profil it-tajeb biex jissodisfaw il-kriterji ta' ingaġġ ta' aġenziji u korpi pubbliċi u privati fis-settur tal-aerospazju kif ukoll f'setturi oħra tal-ingerija, bħall-Automotive. Dan il-programm ta' studju fil-qasam tal-aerospazju jimmira fil-gholi ħafna u għandu l-għan li jiżviluppa u jtejjeb il-ħiliet tal-professjonisti tal-aerospazju li jahdmu fis-settur tal-avjazzjoni u f'intraprizi privati tal-aerospazju f'oqasma bħat-tmexxija, il-manteniment u l-modifika ta' ajruplani, ir-ricerka u l-iżvilupp ta' teknoloġiji għal generazzjonijiet għodda ta' ajruplani, u applikazzjonijiet għall-użu f'satelliti smart u vetturi spazjali sub-orbitali. Il-kors joffri lill-istudenti l-possibiltà li jispesjalizzaw f'qasam wieħed minn tliet oqasma mfittxija ħafna, bħal: Strutturi u Qisien fil-qasam tal-Aerospazju; Aerodinamika; Teknoloġiji Spazjali.

ENTRY REQUIREMENTS

A Bachelor degree in Mechanical, Aerospace Engineering or related field from a recognized institution or an equivalent international qualification, validated by MFHEA, or MCAST Engineering Level 5 and 10 years experience in a technical position in the aviation/aerospace industry

MODE

Blended



MQF LEVEL
Level 7



COURSE DURATION
6 Semesters

90

ECTS

Master of Science in **MECHANICAL ENGINEERING AND SUSTAINABLE TECHNOLOGY**

COURSE CODE
AE7-01-21

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.

Il-Master of Science in Mechanical Engineering and Sustainable Technology għandu kontenut teknoloġiku għoli u huwa maħsub biex jippromwovi hiliet ta' hsieb ta' livell aktar għoli f'oqsma 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' hiliet fid-dixxiplini ewlenin tal-inġinerija biex b'hekk ikunu jistgħu jaħdmu f'pożizzjonijiet għoljin ta' natura teknika jew fit-tmexxija ta' proġetti fl-industrija.

Il-kors jipprovdi wkoll lill-partiċipanti bażi għal studju aktar awanzat jew għal karriera f'oqsam relatat mal-inġinerija. L-istudenti jirċievu tagħlim awanzat fit-teorija u l-prattika tal-inġinerija, liema tagħlim ikompli jibni fuq dak li jkun digà jafu u fuq l-esperjenza li digà jkollhom.

ENTRY REQUIREMENTS

Relevant degree;

Applicants may be asked to sit for an interview

CAREER OPPORTUNITIES

**Engineering Manager;
Project Manager;
Senior systems engineer;
Senior mechanical engineer;
Senior Product engineer;
Senior Process Engineer;
Senior structural engineer;
Environmental engineer;
Sustainable technology engineer**

MODE

Blended

FEES

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



MQF LEVEL
Level 7



COURSE DURATION
2 Years full-time

120

ECTS



CPD

Degrees



Bachelor in VOCATIONAL EDUCATION AND TRAINING (HONOURS)

COURSE CODE
PD6-16-21

This Bachelor's programme aims to provide practitioners or intending practitioners in Vocational Education and Training (VET) settings 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. 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-Bacellerat huwa maħsub għal għalliema jew għalliema prospettivi li jixtiequ jaħdmu f'istituzzjonijiet u entitajiet Edukattivi fil-qasam tat-tagħlim u t-taħriġ vokazzjonali. Il-programm jipprovdi opportunitajiet għal żvilupp u tkabbir ta' għerf, hliet u kompetenzi biex iwassal lill-partecipanti għal hidma effettiva u effiċjenti u biex jagħtihom il-kunfidenza meħtieġa għal rwoli speċifiċi bħal dawk ta' għalliema vokazzjonali professjonali, supervizuri u disinjaturi tal-prattika u l-politika edukattiva u agenti ta' bidla fl-edukazzjoni. Il-partecipanti jingħataw il-possibbiltà li jibnu fuq id-dixxiplini tagħhom billi jżewġu l-bagalja tal-għerf tagħhom ma' metodi ta' tagħlim, taħriġ u pedagoġija fil-qasam tekniku u vokazzjonali li huma fiċ-ċentru tal-programm.

ENTRY REQUIREMENTS

A full MCAST Level 4 qualification (120 ECVET) 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 (refer to website)

CAREER OPPORTUNITIES

**Teacher in Vocational Education and Training
Teacher for vocational and applied subjects in
Secondary Education**



MQF LEVEL
Level 6



COURSE DURATION
3 Years full-time

180
ECTS

Master in VOCATIONAL EDUCATION APPLIED RESEARCH 4.0

COURSE CODE
PD7-17-21

The Master in Vocational Education and Training Applied Research 4.0 is intended for professionals who are involved in education within a vocational context. It provides pedagogical training through an experiential approach by bridging the contexts of education and industry, both of which influence and determine the nature and scope of vocational education. Participants are provided with opportunities to extend their knowledge, thinking and behaviours to become more effective professionals 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 within the context of vocational education in Further and Higher Education.

Il-Master in Vocational Education and Training Applied Research 4.0 huwa mahsub għal professjonisti fil-qasam tal-edukazzjoni u t-taħriġ vokazzjonali. Il-programm jirrikonoxxi l-importanza u l-influenza tal-industrija u l-edukazzjoni fuq l-edukazzjoni u t-taħriġ vokazzjonali, u għaldaqstant il-partecipanti jirċievu taħriġ fil-pedagogija billi jeżaminaw u jesperjenzaw mill-qrib il-kuntesti tal-industrija kif ukoll l-edukazzjoni. Il-Master iwassal lill-partecipanti għal tishih fil-ħsieb, fl-għerf u fl-attitudnijiet meħtieġa minn professjonisti fil-qasam vokazzjonali speċifiku tagħhom. Dan il-programm imur lil hinn minn metodi ta' taġħlim tradizzjonali u jipproponi metodi innovattivi fejn it-taħriġ, it-taġħlim u r-riċerka jingħaqdu u jiġu applikati flimkien għal skoperti godda u aktar għolja fil-qasam tat-taħriġ vokazzjonali u l-edukazzjoni aktar għolja.



MQF LEVEL
Level 7



COURSE DURATION
3 Years part-time

120
ECTS

ENTRY REQUIREMENTS

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 or be in possession of a Bachelor's Degree in the relevant subject area;

Applicants must be practising in the teaching profession for a minimum of 4 hours per week for the duration of the qualification;

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.

EXIT STRATEGY

Post-Graduate Certificate in Vocational Education (30 Credits);

Post- Graduate Diploma in Vocational Education (90 Credits);

Master in Vocational Education (120 Credits)

MODE

Blended

FEES

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



Malta College of Arts, Science & Technology

t. +356 2398 7100

e. information@mcast.edu.mt

w. mcast.edu.mt



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