

MCAST PROGRAMMES - PUBLIC INFORMATION TEMPLATE (FULL TIME)

Institute	Institute for the Creative Arts
Department	-

Programme Title	Diploma in Art and Design				
Course Code <i>To be filled in by Admissions Dept.</i>	CA3-O04-25	If the programme includes a WBL element, How is it accredited?		Not Applicable, does not include WBL	
MQF/ EQF Level	Level 3	Type <i>(refer to Appendix 1 for Parameters)</i>	Qualification	Awarding Body	MCAST – Malta College of Arts, Science and Technology
Accreditation Status	Accredited via MCAST's Self Accreditation Process (MCAST holds Self-Accrediting Status as per 1st schedule of Legal Notice 296/2012)				
Mode of Delivery	Face to Face	Duration <i>(Academic Years or Semesters)</i>	1 Year	Mode of Attendance	Full-time
Total Number of Credits	60 credits	Total Learning Hours <i>(25 Total Learning Hours for each ECTS)</i>		1500 hours	
Target Audience	Ages 16 - 65	Target Group <i>(the type of learners that the educational institution anticipates joining this programme)</i>		Students leaving compulsory education	
Programme Fees	<p>There are no fees applicable to Maltese and other EU Nationals (as will be evidenced by their Identity Document)</p> <p>Fees apply for other International Applicants... for fee information and any related updates it is best to communicate with MG2i International through applyinternational@mcast.edu.mt</p> <p>One may consider checking about possible eligibility or otherwise for any exemption from fees by contacting the relevant section within MEYR (Floriana) – or visit the servizz.gov.mt website here</p>				
Date of Next Student Intake	For further information regarding upcoming student intake and applications time windows for same kindly click here				
Language of Instruction	The official language of instruction at MCAST is English. All notes and textbooks are in English (except for language courses, which will be in the respective language being instructed). International candidates will be requested to meet English language certification requirements for access to the course.				
Application Method	<p>Applications to full-time courses are received online via the College Management Information System. Applicants can log-in using Maltese Electronic ID (eID) in order to access the MCAST Admissions Portal directly and create one's own student account with the identity being verified electronically via this secure service.</p> <p>Non-EID applicants need to request account creation through an online form after that they confirm that their local Identification Document does not come with an EID entitlement. . Once the identity is verified and the account is created on behalf of the applicant, one may proceed with the online application according to the same instructions applicable to all other applicants.</p> <p>For more information about how to apply online for a course at MCAST, please visit: here</p>				



	https://mcast.edu.mt/how-to-apply-online-2/
Information for Non-EU Citizens	<p>Non-EU candidates require a study visa in order to travel to Malta and join the course applied for (on a Full Time delivery mode). For further information re study-visa please access https://www.identitymalta.com/unit/central-visa-unit/.</p> <p>Further information International / TCN applicants should take note of before requesting to being considered for a programme of studies at MCAST, can be obtained through the respective FAQ found on https://mcast.edu.mt/important-information/</p>
IMPORTANT note to Non-EU Nationals / TCNs	<p>In instances where a TCN is applying for an MCAST programme of studies which includes Apprenticeship / Placement / Internship, it is the applicant's responsibility to check with the relevant Maltese Authority whether one would be eligible to have the necessary permits to be able to carry out the accredited Apprenticeship / Placement / Internship, success from which is expected in order to be able to successfully complete the selected programme of studies. Further information can also be obtained through the respective FAQ found on:</p> <p>https://mcast.edu.mt/important-information/</p>
Address where the Programme will be Delivered	<p><i>MCAST has four campuses as follows:</i></p> <p>MCAST Main Campus Triq Kordin, Paola, Malta</p> <p><i>All courses except for courses delivered by the Institute for the Creative Arts, the Centre of Agriculture, Aquatics and Animal Sciences and the Gozo Campus are offered at the Main Campus address (above).</i></p> <p><i>Courses delivered by the Institute for the Creative Arts, the Centre of Agriculture, Aquatics and Animal Sciences, or the Gozo Campus, are offered in one of the following addresses as applicable:</i></p> <p>Institute for the Creative Arts Mosta Campus Misraħ Għonoq Tarġa Gap, Mosta</p> <p>Institute of Applied Sciences Centre of Agriculture, Aquatics and Animal Sciences, Luqa Road, Qormi</p> <p>Gozo Campus J.F. De Chambray Street MCAST, Għajnsielem Gozo</p> <p><i>In the case of courses delivered via Online Learning, students will be following the programme from their preferred location/address.</i></p> <p><i>Programmes delivered via Blended Learning, and which therefore contain both an online and a face to face component shall be delivered as follows:</i></p> <ul style="list-style-type: none"> ○ Face to Face components – as per above address instructions ○ Online components – from the student's preferred address.

Course Description <i>(Refer to Programme Specification)</i>	<p>This programme gives learners the opportunity to explore two different areas, those of Art and Design. Learners are encouraged to experiment with different media, resistant and non-resistant materials used in the generic disciplines of art, 3D design (product and spatial) and fashion. Learners learn skills using different workshops and related tools and technology, as well as learn the theoretical aspects of various specialist areas, with awareness of health and safety. Another important aspect of the course is the development of the learners' communication skills.</p>
Deskrizzjoni tal-Kors <i>(Refer to Programme Specification)</i>	<p>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 reżistenti u mhux reżistenti użati fid-dixxiplini ġeneriċi tal-arti, id-disinn Tridimensjonali (prodott u spazjali) u l-moda. L-istudenti jitgħallmu l-ħiliet billi jużaw workshops differenti u għodod u teknoloġija relatati, kif ukoll jitgħallmu l-aspetti teoretici ta' diversi oqsma speċjalizzati, filwaqt li jżommu f'moħħhom is-saħħa u s-sigurtà. Aspett importanti ieħor tal-kors huwa l-iżvilupp tal-ħiliet ta' komunikazzjoni tal-istudent.</p>
Career Opportunities:	<p>Assistant in an Art Studio, Assistant in the Crafts Sectors of Stone Works, Woodworking Production, Ceramics, Jewellery, Textiles or Fashion</p>
Entry Requirements <i>(Refer to Prospectus / Course Page on MCAST website)</i>	<p>Internal Progression Route... MCAST Foundation Certificate in the Creative Arts*</p> <p>OR</p> <p>2 SEC / SSC&P or equivalent with a Pass Grade / Level 3 Compulsory: Art or Art and Design or Textiles and Design or Fashion and Textiles</p> <p>*Progression is only available for the MCAST Level 2 Foundation Programme specifically mentioned above</p>
Other Notes related to this Programme, and which are to be taken note of	<p>Applicants may be asked to sit for an Interview and/or present a Portfolio.</p> <p>Any possible alternative qualifications (local and European) which may be presented instead of the above clearly set compulsory subjects, must very clearly be evidenced / documented as being equivalent to the set compulsory subjects in terms of Level, volume (in credits), and Content coverage. It will not be possible to consider variances, given the expected preparation and foundations in possession of the applicant asking to be considered for this MQF Level 3 programme of studies.</p>
Programme Learning Outcomes <i>(Refer to Programme Specification)</i>	<p>At the end of the programme the students are able to</p> <ol style="list-style-type: none"> 1. Understand the difference and similarities between Fine arts and Design. 2. Perform complex Art and Design tasks in accordance with clear instructions. 3. Participate in the cultural life of the local community. 4. Apply basic techniques in materials in art and Design.
Teaching, Learning and Assessment Procedures	<p>The programmes offered are vocational in nature and entail both theoretical lectures delivered in classes as well as practical elements that are delivered in laboratories, workshops, salons, simulators as the module requirements dictate.</p> <p>Each module or unit entails a number of in person and/or online contact learning hours that are delivered by the lecturer or tutor directly (See also section 'Total Learning Hours').</p> <p>Access to all resources is provided to all registered students. These include study resources in paper or electronic format through the Library and Resource Centre as well as tools, software, equipment and machinery that are provided by the respective institutes depending on the requirements of the course or module.</p>



	<p>Students may however be required to provide consumable material for use during practical sessions and projects unless these are explicitly provided by the College.</p> <p>All Units of study are assessed throughout the academic year through continuous assessment using a variety of assessment tools. Coursework tasks are exclusively based on the Learning Outcomes and Grading Criteria as prescribed in the course specification. The Learning Outcomes and Grading Criteria are communicated to the Student via the coursework documentation.</p> <p>The method of assessment shall reflect the Level, credit points (ECTS) and the schedule of time-tabled/non-timetabled hours of learning of each study unit. A variety of assessment instruments, not solely Time Constrained Assignments/Exams, are used to gather and interpret evidence of Student competence toward pre-established grading criteria that are aligned to the learning outcomes of each unit of the programme of study.</p> <p>Grading criteria are assessed through a number of tasks, each task being assigned a number of marks. The number of grading criteria is included in the respective Programme Specification. The distribution of marks and assessment mode depends on the nature and objectives of the unit in question.</p> <p>Coursework shall normally be completed during the semester in which the Unit is delivered.</p> <p>Time-constrained assignments may be held between 8 am and 8 pm during the delivery period of a Unit, or at the end of the semester in which the Unit is completed. The dates are notified and published on the Institute notice boards or through other means of communication.</p> <p>Certain circumstances (such as but not limited to the COVID-19 pandemic) may lead Institutes and Centres to hold teaching and assessment remotely (online) as per MCAST QA Policy and Standard for Online Teaching, Learning and Assessment (Doc 020) available via link https://www.mcast.edu.mt/college-documents/</p> <p>The Programme Regulations pertaining to this Programme’s MQF/EQF level available at: link https://www.mcast.edu.mt/college-documents/, apply.</p>
Grading System	<p>All MCAST programmes adopt a Learner-centred approach through the focus on Learning Outcomes. The assessment of MCAST programmes is criterion-referenced and thus assessors are required to assess learners’ evidence against a pre-determined set of Learning Outcomes and Assessment Criteria.</p> <p>For a student to be deemed to have successfully passed a unit, a minimum of 50% (grade D) must be achieved.</p> <p>All full time units are individually graded as follows: A* (90-100) A (80-89) B (70-79) C (60-69) D (50-59) Unsatisfactory work is graded as ‘U’.</p> <p>Work-based learning units (where applicable) are graded on a Pass/Fail basis only.</p> <p>Some units which follow industry standards and regulations may also be graded on a</p>

	<p>Pass/Fail basis as per programme regulations referred below.</p> <p>Detailed information regarding the grading system may be found in the Programme Regulations pertaining to this programme's MQF/EQF Level available at: https://www.mcast.edu.mt/college-documents/ (Refer to DOC 003, 004 and 005)</p>
Exit Point (where and as applicable)	<p>Where a student will not make it to the Final Certification achievable from this Programme of Studies (as per Programme Regulations), one might wish to look into Exit Point possibilities as may be applicable to this programme for studies. Further information, is available at https://www.mcast.edu.mt/college-documents/, kindly refer to <i>DOC 077 Procedure for the processing of Claims for Certificates at Interim Exit Points</i>.</p>
Contact details for Further Learning Opportunities	<p>The MCAST Career Guidance Team, offers the service of qualified and experienced Career Advisers who will be very willing to discuss with potential applicants the course which best achieves one's career ambitions, as well as exploring one's education route, or similar.</p> <p>MCAST Career Guidance Tel: 2398 7135/6 Email: career.guidance@mcast.edu.mt</p>
Regulatory Body/ Competent Authority Contact Details <i>(where applicable - in the case of a programme leading to Regulated Profession)</i>	Not Applicable

Programme Structure	Unit Code	Unit Title	ECTS	Year	Semester
	CAART-306-1501	Design Crafts Project	6	Year 1	2
	CAART-306-1502	Drawing and Painting	6	Year 1	2
	CAART-306-1503	Drawing and Print Making	6	Year 1	1
	CAART-306-1504	Generating and Presenting Ideas	6	Year 1	Year
	CAART-306-1505	Materials Exploration	6	Year 1	1
	CAART-306-1506	Visual and Contextual Studies	6	Year 1	1
	CDKSK-304-2313	English	4	Year 1	Year
	CDKSK-304-2314	Mathematics	4	Year 1	Year
	CDKSK-304-2315	Il-Malti	4	Year 1	Year
	CDKSK-304-2501	Community Social Responsibility	4	Year 1	Year
	CDKSK-304-2317	Science and Technology	4	Year 1	Year
	CDKSK-304-	Information Technology	4	Year 1	Year



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Allocation of Total Learning Hours (per Unit)	The total learning hours required for each unit or module are determined as follows:			
	Credits (ECTS)	Indicative contact hours ¹	Self-Learning and Assessment Hours ³	Total Student workload (hrs) ²
	1	5 – 10 hrs	20 - 15 hrs*	25 hrs
	2	10 – 20 hrs	40 - 30 hrs*	50 hrs
	3	15 – 30 hrs	60 - 45 hrs*	75 hrs
	4	20 – 40 hrs	80 - 60 hrs*	100 hrs
	6	30 – 60 hrs	120 - 90 hrs*	150 Hrs
	9	45 – 90 hrs	180 - 135 hrs*	225 hrs
	12	60 – 120 hrs	240 - 180 hrs*	300 hrs
<i>Note: The 'Self-Learning and Assessment Hours³' amount to the difference between the 'Indicative Contact Hours¹' and the 'Total Student Workload²'</i>				

APPENDIX 1**MINIMUM CREDITS FOR QUALIFICATIONS AT DIFFERENT LEVELS**

MQF Level	Minimum ECTS Required for a Qualification*
8	
7	30
6	180
5	30
4	30
3	60
2	60
1	40

* Programmes assigned fewer ECTS than indicated will be classified as Awards.

*Reference: Fig. 1: p48, Malta Further and Higher Education Authority (MFHEA) (October 2024).
Referencing Report, 5th Revised Edition.*

APPENDIX 2
EXAMPLES OF QUALIFICATION TYPES AT A SPECIFIC MQF LEVEL

MQF Level	Examples of qualification types at a specific MQF level (The list in this column is not exhaustive)	Number of ECTS *
8	Doctoral Programmes:	
	PhD	N/A
	Professional Doctorate	180
7	Master's Degree	90
	Postgraduate Diploma	60
	Postgraduate Certificate	30
6	Bachelor's Degree	180
	Bachelor's Honours	240
5	Undergraduate Higher Diploma	90
	Undergraduate Diploma	60
	Undergraduate Certificate	30
	VET Level 5	60
4	Advanced Diploma	120
	Pre-Tertiary Certificate	30 - 60
	MATSEC Matriculation Certificate (Advanced and Intermediate)	N/A
	VET Level 4	120
3	Certificate	60
	MATSEC Secondary Education Certificate	N/A
	VET Level 3	60
2	Foundation Certificate	60
	MATSEC Secondary Education Certificate	N/A
	VET Level 2	60
1	Introductory Certificate	40
	VET Level 1	40

* Programmes assigned fewer ECTS than indicated will be classified as Awards.

Reference: Fig.2: p48, Malta Further and Higher Education Authority (MFHEA) (October 2024).
Referencing Report, 5th Revised Edition.

CAART-306-1501: Design Crafts Project

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

In this unit, learners will work to a design crafts brief that will encourage an individual and creative response. It will help the learner develop an ability to critically analyse and integrate research to understand materials, methods and skills to solve 3D problems in art and design.

By completing this unit learners will have an understanding of the range of possibilities available within the 3D Visual Arts and how materials, processes and the work of artists, craftspeople and designers, can be used to develop ideas and produce final work. Learners will respond to a project brief producing one final piece of work that could be as diverse as a piece of sculpture, an installation, 3D design such as ceramics, furniture design, or jewellery. Materials used are not limited and they include metal, stone, wood, clay, plasticine and recycled materials.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Investigate design crafts practice.*
2. *Explore material, techniques and processes in response to design crafts briefs.*
3. *Develop ideas in response to design crafts briefs.*
4. *Produce and present an outcome in response to a design crafts brief.*

CAART-306-1502: Drawing and Painting

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

At this level, learners will acquire an extended knowledge of drawing and painting techniques. They will need to apply their previous knowledge concerning art and composition elements. They will draw and paint on a given model, using instructions from teachers and knowledge from suggested textbooks. Learners will improve their perceptual skills by analysing the drawings of the great masters and creating their own. The aim of this unit is to inspire learners to think in a more creative and critical way. With this aim, results of learners' works will be analysed upon the completion of every practical task.

This unit will help learners develop drawing and painting skills in relation to visual arts disciplines and to relate them to other areas of creativity. Learners will explore various aspects of drawing and painting developing competence and they will gain confidence in those fine arts skills. Learners will undertake exercises that will emphasise drawing and painting as a means of creative expression. Guided by teachers, they will learn to observe and analyse drawing motifs, design a drawing with the focus on art composition, light and shadows, perspective, detail and whole relations.

In a series of flexible workshop sessions learners will cover different themes and motives. They will use various tools (pencil, charcoal, ink, water colours, tempera, acrylic and oil) on various materials (few types of paper and canvases) for given themes.

The unit is meant to help learners use the acquired knowledge and skills and apply them in other units, daily life, additional education and future careers. The work is mostly practical, with an individual form of teaching (correction), with emphasis on the promotion of artistic identity of the learners.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Use different techniques and media to develop drawing skills.*
2. *Use different techniques and media to develop painting skills.*
3. *Demonstrate improved observational skills within an art and design context.*
4. *Analyse the presented artwork.*

CAART-306-1503: Drawing and Print Making

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

Learners will gain a wide range of drawing skills and they will be in situation to apply their previous knowledge of elements of art and elements of composition. In the process of analysing drawings of great masters and creating their own drawings, students will improve their perceptual skills. The first part of this unit is aimed at inspiring students to think in a more creative and critical way.

This program includes a more complex study such as still life, landscape, architecture (interior and exterior), portraiture and human figure. Learners will produce drawings in some of the following media: graphite, chalk and charcoal, pastels, sanguine, ink and pen. They will also have the possibility to experiment with a variety of different sizes and qualities of paper.

Printmaking, as an area of visual art, permeates all other regions of visual expression and underlines all of the contemporary ways of articulation in visual arts. Therefore, the second part of this unit is conceived in full correlation with other main subjects, such as drawing, painting, sculpturing and design. Knowledge about elements of art (line, shape, form, color, tone-value, space, texture) and elements of composition is crucial also in printmaking.

Basic categories of printmaking techniques will be explained and demonstrated to students: relief (woodcut, linocut), intaglio (engraving, drypoint, etching, mezzotint, aquatint), planographic (lithography), stencil (serigraphy). Students will know which materials and tools are used for each of those techniques. Types of presses will also be shown to them.

During practical workshops, students are going to learn how to make artworks by printing using few techniques: woodcut or linocut and etching. Creative goal of this unit is to make students thoroughly proficient in the recognition and application of materials and in creating their personal approach to the medium.

Important issue about printmaking is protective equipment. Students will have to know how to protect themselves and environment from exposure to various acids, vapors and solvents.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Apply basic drawing techniques based on theoretical knowledge (elements of art, elements of composition) in creating own drawings.*
2. *Demonstrate good observational skills in art and design.*
3. *Produce experimental prints using various printmaking techniques.*
4. *Present an edition of final artistic prints.*

CAART-306-1504: Generating and Presenting Ideas in Art and Design

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

In this unit, students will gain basic knowledge about creative thinking and idea generating. Its aim is to provide an opportunity for students to learn about usual creative techniques for idea generating, such as brainstorming, and to go through the entire concept of establishing, perfecting and presenting a concept of their own.

Together with basic knowledge about creativity, and creative process, students will be taught skills required to create a presentation of their own creative processes and artistic developments.

The students will have the opportunity to establish their own creative processes that will guide them in their professional career while also using different tools and techniques for presentation purposes. At the end of this unit learners will be able to responsibly maintain a portfolio of their work which reflects their individual creative processes and artistic development.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Understand basic psychological facts about creativity.*
2. *Generate and present a concept visually.*
3. *Establish a personal creative process.*
4. *Communicate and present a portfolio to an intended audience.*

CAART-306-1505: Materials Exploration

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

The aim of this unit is to familiarise students with the world of materials, techniques and processes. They will be able to use tools and machinery safely as well as various materials (e.g. Stone, Metal, Wood, Textiles, Plastics, Ceramics, etc.). Basic methods in techniques and processes will be explained and demonstrated in the context of 3D design materials.

Students will be introduced to basic technical and structural actions for implementing simple dimensional forms in a range of materials. The practical part of this unit covers both Resistant and Non-resistant materials and students will produce experimental work and models in a variety of material that are 'fit for purpose'. It is obligatory for the students at this level to master the production processes.

Artifacts can be designed and interpreted using basic elements and principles of design; Volume, space, line, texture, balance, contrast, colour, scale, etc. The key elements will be on the functionality and aesthetics. In the context of the key elements of 3D works many examples from artists, crafts persons and designers will be presented and analysed.

The contemporary approach to 3D design will be highlighted and connected to Art and Design theory. Learners will be able to create objects using combination of materials. This will enable them to design ideas and projects related to individual themes using a range of techniques and processes of personal choice.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Understand the essential characteristics of materials.*
2. *Show advanced knowledge of production techniques and processes.*
3. *Develop own individual artistic expression in artefacts.*
4. *Create test pieces with an individual theme using techniques and processes.*

CAART-306-1506: Visual and Contextual Studies

Unit level (MQF/EQF): 3

Credits: 6

Delivery Mode: Face to Face

Total Learning Hours: 150

Unit description

Artists, designers and craftspeople need to be knowledgeable about historical creative and cultural developments whilst keeping up to date with contemporary developments in order to communicate their ideas effectively. A large part of this revolves around the study of works of art and design but also includes an understanding of social, political and technological developments and their impact on art, craft and design.

This unit provides guidelines on the research and analysis of art and design in context from prehistory to the nineteenth century, with particular reference to influences on art and design today.

Learning Outcomes

On completion of this unit learners should be able to:

1. *Conduct research in art and design, and show ability to evaluate material.*
2. *Analyse examples from the history of art and design in context.*
3. *Apply essential study that relates contemporary visual culture to the history of art and design.*
4. *Understand theoretical knowledge & information in the history of art and design.*

CDKSK-304-2313: English

Unit Level (MQF/EQF): 3

Credits: 4

Delivery Mode: Fully Face-to-Face Learning

Total Learning Hours: 100

Unit Description

This unit is targeted at learners proceeding from a Level 2 vocational programme as well as those whose entry level is directly at Level 3. It therefore takes into consideration both learners who have successfully passed their L2 English unit as well as those who have sat for, or are resitting, their SEC English Language (Y11).

At Level 3, learners are expected to have an intermediate knowledge of English which allows them to independently communicate on topics and scenarios related to everyday situations, these ranging from home, school, and work to social and public settings. For the purposes of bridging linguistic skills with vocational contexts, general emphasis is laid on work and public settings.

English at Level 3 encourages learners to combine their technical knowledge of their vocational subject with their growing knowledge of general English. They will be introduced to specialised vocabulary and information related to their area of vocational interest, to descriptions of materials and their properties, equipment and its usage. They will be exposed to video content and a range of short texts of a technical and non-technical nature, as well as learn how to conduct basic research to produce short but effective work or discipline-specific documents. A fuller understanding of spoken and written English as well as proper association of ideas are also expected at this level.

Learning Outcomes

On completion of this unit the learner will be able to:

1. *Retrieve and interpret information obtained from spoken conversation, a presentation, or a media source.*
2. *Communicate information and ideas verbally on a range of topics, ranging from the vocational to the discipline-specific.*
3. *Retrieve and interpret information present in vocational or discipline-specific texts.*
4. *Show how ideas, whether complementary or contrasting, are to be organised and presented.*
5. *Write short work-related texts, observing format, tone, and style.*
6. *Write longer vocation or discipline-specific texts based on researched information.*

CDKSK-304-2314: Mathematics

Unit Level (MQF/EQF): 3

Credits: 4

Delivery Mode: Fully Face-to-Face Learning

Total Learning Hours: 100

Unit Description

This unit aims to help students understand key mathematical concepts and gain the necessary skills, to be able to use mathematics as a problem-solving and a communication tool in their everyday life and the vocational area they are studying. This unit comprises of three main components: a compulsory component, an elective component and a compulsory final project.

The compulsory component includes one compulsory learning outcome whose mathematical content and respective criteria are key in everyday life and across all vocational areas. On the other hand, the elective component is made up of a set of elective learning outcomes which include mathematical content and respective criteria whose relevance varies across different vocational areas. Consequently, every Institute can select the learning outcomes (50 marks) whose content and criteria will help students in the particular vocational area.

Moreover, this unit will give students the opportunity to use mathematics in a project related to the vocational area they are studying. Consequently, students will experience the relevance of the subject at first-hand and hence engage better in their vocational studies.

Considering the importance of technology in today's world, technological tools, such as scientific calculators and computer software, will be used to assist students in their work and enhance their understanding and confidence in the subject.

By the end of this unit, students should demonstrate readiness and competency to independently apply mathematical techniques in solving problems and be able to communicate findings using appropriate vocabulary and rigor.

Core Learning Outcomes

On completion of this unit the learner will be able to:

1. *Compute numerical calculations involving fractions, decimals, percentages and units of measure.*
2. *Apply Mathematics in a practical way.*

Elective Learning Outcomes

On completion of this unit the learner will be able to:

1. *Apply basic numerical skills in personal, household and business financial contexts.*
2. *Carry out algebraic manipulations.*
3. *Use algebra and graphs to derive information from straight lines and their equation.*
4. *Work with shapes and angles.*
5. *Summarise and interpret statistical data both graphically and numerically.*

CDKSK-304-2315: Il-Malti

Il-Livell tal-Unità: (MQF/EQF): 3

L-Għadd ta' Kreditu: 4

Mod ta' Tagħlim: Preżenti

Total ta' Sigħat ta' Tagħlim: 100

Deskrizzjoni Ġenerali tal-Unità

Il-Malti huwa l-ilsien nazzjonali tal-pajjiż. Huwa l-ilsien nattiv tal-istudenti li se jkunu qed isegwu din l-unità. Għaldaqstant m'hemmx dubju dwar l-importanza li l-istudenti għandhom ikunu profiċjenti fi lsien pajjiżhom, l-ilsien li ġeneralment iridu jikkomunikaw bih, kemm fil-ħajja tagħhom ta' kuljum u b'mod speċjali fuq il-post tax-xogħol.

Din l-unità hija msejsa fuq l-erba' ħiliet prinċipali tal-lingwa: 1) il-Qari; 2) is-Smigh; 3) il-Kitba u 4) it-Taħdit. L-għan prinċipali ta' din l-unità huwa li l-istudenti jiġu mħarrġa f'dawn l-erba' ħiliet biex jibnu fuq dak li diġà jafu u jkomplu jtejbuh. Fil-fatt, il-livell ta' din l-unità jkompli jittarraġ fuq il-livell miksub fl-unità tat-tieni livell. F'din l-unità, il-materjal kopert ikun aktar kumpless mill-materjal tal-unità preċedenti partikularment fejn jidhol vokabolarju tekniku marbut mal-qasam vokazzjonali. F'din l-unità l-istudenti huma mistennija wkoll jaħdmu b'aktar awtonomija u responsabbiltà u jkunu mhegġa jiehdu aktar inizjattiva waħedhom.

Il-kuntest tat-tagħlim u t-tgħallim tal-erba' ħiliet huwa ġeneralment marbut mal-qasam vokazzjonali tal-istudenti. Għaldaqstant, f'din l-unità l-istudenti se jkunu preżentati prinċipalment b'materjal bil-Malti li jinteressahom mill-qrib u li se jkompli jkabbar l-għarfien ġenerali tagħhom dwar il-qasam vokazzjonali magħżul minnhom. Temi kurrenti oħra dwar il-ħajja ta' kuljum jistgħu wkoll jiġu preżentati u mistħarrġa. It-temi mistħarrġa f'dan il-livell jitolbu aktar impenn minn daww tat-tieni livell u l-kuntesti tat-temi jistgħu ma jkunux dejjem ta' natura familjari mal-istudenti.

Il-qari, is-smigh, il-kitba u t-taħdit huma l-qofol tal-komunikazzjoni. Kull persuna Maltija għandha tħossha kunfidenti meta tiġi biex tikkomunika bil-Malti, kemm verbalment u kemm bil-kitba. Biex l-istudenti jtejbuh l-Malti miktub tagħhom, f'din l-unità se tkun qed tingħata wkoll importanza lill-ortografija, b'enfasi fuq ir-regoli tal-grammatika. L-għan mhuwiex li l-istudenti jsiru familjari ma' listi ta' termini grammatikali jew li l-istudenti jaħdmu eżerċizzji ripetuti tal-grammatika. L-għan hu li jkunu jafu jhaddmu r-regoli tal-grammatika biex jiktbu b'Malti ortografikament tajjeb. Dan se jkun qed isir dejjem f'kuntest, b'mod partikulari f'kuntest marbut mal-qasam vokazzjonali tal-istudenti. F'din l-unità, se tkun ukoll qed tingħata importanza partikulari lid-deċiżjonijiet meħuda mill-Kunsill Nazzjonali tal-Ilsien Malti fl-2008 (Deċiżjonijiet 1) u fl-2018 (Deċiżjonijiet 2).

Il-Kisbiet mit-Tgħallim

Biex l-istudent jikseb din l-unità irid juri li kapaçi:

1. *Jidentifika t-tifsir primarju u sekondarju ta' testi moqrija aktar kumplessi.*
2. *Jagħraf il-messaġġi diretti u indiretti ta' kuntesti ta' smiġħ aktar kumplessi.*
3. *Jipproduci kitbiet b'temi tekniçi u aktar kumplessi.*
4. *Jikkomunika b'Malti tajjeb dwar suġġetti tekniçi u aktar kumplessi permezz tat-taħdit.*
5. *Japplika r-regoli tal-grammatika tajjeb għal tisħiħ fl-ortografija.*

CDKSK-304-2501: Community Social Responsibility

Unit Level (MQF/EQF): 3

Credits: 4

Delivery Mode: Fully Face-to-Face Learning

Total Learning Hours: 100

Unit Description

This key skill presents an opportunity for MQF level 3 learners to work upon their analysis and evaluation capabilities, whilst working upon various employability skills. Through the compilation of a write-up, the learners will be drafting a personal biography, which highlights some of their achievements and future aspirations. The write-up will also feature the rationale behind the selection of a specific community work experience. Additional information, descriptions and anecdotes related to the community work will be provided via visual and written means.

As each learner goes through this educational journey, opportunities for social interactions and practical groupwork activities will also be presented. Through these opportunities, students will further grasp the essence of teamwork and its relevance towards becoming more competitive and employable.

Following the delivery of a selected number of educational topics, some of which targeting 'The 2030 Agenda for Sustainable Development', the learners are to select a topic of preference and deliver relating information through a public speech. The main essence of the contents of the speech are to be acquired through referenced research. The learners are to increase the success rate of their speech delivery through the proper structuring and compilation of a visual medium compiled via software, such as PowerPoint / Canva.

Additionally, learners will also be presented with multiple opportunities to conduct self-reviews and evaluations during assessment periods. This practice is embedded within all of the assessments, these being the write-up, the teamwork activity, and the presentation. Educators will guide the learners into practicing and understanding the importance of analysing and evaluating information and oneself, as, apart from increasing one's employability skills, this brings forth numerous opportunities for growth.

Learning Outcomes

On completion of this unit the learner will be able to:

1. *Organise selections of information within a write-up.*
2. *Shows the ability to work in teams.*
3. *Elaborate upon a topic and/or issue in front of an audience.*
4. *Appraise the quality of one's own effort and contributions within assigned tasks.*

CDKSK-304-2317: Science and Technology

Unit Level (MQF/EQF): 3

Credits: 4

Delivery Mode: Fully Face-to-Face Learning

Total Learning Hours: 100

Unit Description

This unit enables learners to explore the role of science in a wider context. **This unit has eight elective learning outcomes, from which four must be selected by the institute.** Depending on the selection of the elective criteria, this unit enables learners to explore the role of science in a wider context. The learning outcomes will focus on the ethical issues in science and health literacy. Learners will understand the meaning of ethics and the importance of ethics in scientific research and development. They will also learn about the importance of health literacy and to understand and use information to make decisions about their health. The learners may also more familiar with the physical and chemical principles related to their individual vocational area. Also, they will understand the connection between climate change and human health. This learning outcome will help the learner understand how our vocational area and everyday life contribute to climate change. Furthermore, the impact of climate change on own personal life will be assessed. Learners may also enhance their investigative skills through a site visit applicable to vocational areas, for example to include option to visit - quarry, scrap yard, waste disposal area, amongst other. During this session, the learners will be empowered to take action to develop a project that addresses, for example, an environmental issue.

Elective Learning Outcomes

On completion of this unit the learner will be able to:

1. *Investigate ethical issues in science and scientific developments.*
2. *Use information and services to make informed health-related decisions.*
3. *Investigate processing of materials relevant to individual vocational area.*
4. *Apply chemistry principles to vocational area of practice.*
5. *Identify basic chemical reactions.*
6. *Identify the connection between climate change and human health.*
7. *Carry out a fieldwork session related to scientific research and development.*
8. *Identify the link between the physical world and everyday day life situations.*

CDKSK-304-2316: Information Technology

Unit Level (MQF/EQF): 3

Credits: 4

Delivery Mode: Fully Face-to-Face Learning

Total Learning Hours: 100

Unit Description

This unit aims to develop basic computer knowledge and skills needed in real-life situations. In a supportive environment, the learner will be challenged to understand how to use various real-life applications belonging to a productivity suite with the aim of providing to our learners the necessary skills required to use common computer applications necessary during their studies. By the time learners complete this unit they will be increasingly independent users of personal computers and will have a broad understanding of how ICT can help their learning, their work, and their social life. They will have a well-developed ability to decide when and how to use ICT and will be aware of the limitations associated with this use.

Through this unit the learners will achieve a broad knowledge of ICT and will be able to use ICT to carry out several increasingly complex tasks. They will become competent in using word processing, spreadsheet, and presentation software to create, format and finish documents, workbooks and slide shows that contain various elements. This unit also introduces terms related to artificial intelligence and how it is being used in real life situations, information literacy and the use of online communities and online tools to build and maintain an online presence.

Learning Outcomes

To choose 4 Learning Outcomes out of 5:

On completion of this unit the learner will be able to:

1. *Use Office Productivity Essentials to create documents and presentations.*
2. *Identify concepts related to Artificial Intelligence.*
3. *Use Online Essentials Tools.*
4. *Identify concepts related to Information Literacy.*
5. *Use a spreadsheet to produce accurate work outputs.*