ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ

CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION

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Doc. 300.1.1

# Date: 16/07/2022

# **External Evaluation**

# Report

# (Conventional-face-to-face programme of study)

- Higher Education Institution: Global College
- Town: Nicosia
- School/Faculty (if applicable): School/Faculty
- Department/ Sector: Department of Vocational Programs
- Programme of study- Name (Duration, ECTS, Cycle)

In Greek:

ΜΗΧΑΝΙΚΗ ΟΧΗΜΑΤΩΝ, Δίπλωμα

In English:

AUTOMOBILE ENGINEERING, Diploma

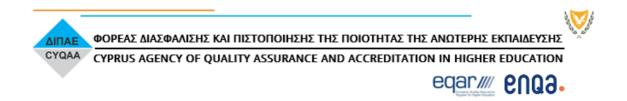
- Language(s) of instruction: English and Greek
- Programme's status: Currently Operating
- Concentrations (if any):

In Greek: Concentrations In English: Concentrations

KYΠPIAKH ΔΗΜΟΚΡΑΤΙΑ REPUBLIC OF CYPRUS



The present document has been prepared within the framework of the authority and competencies of the Cyprus Agency of Quality Assurance and Accreditation in Higher Education, according to the provisions of the "Quality Assurance and Accreditation of Higher Education and the Establishment and Operation of an Agency on Related Matters Laws" of 2015 to 2021 [L.136(I)/2015 – L.132(I)/2021].



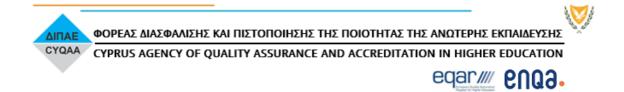
#### A. Introduction

This part includes basic information regarding the onsite visit.

Because of persisting COVID-19 consequences, the assessment was carried out in virtual format through a series of online meetings all of which took place on July 15, 2022. Standalone videos of campus premises and laboratory facilities were also provided by the Global College (GC) team. The meetings included presentations by and discussions with GC management and administration followed by meetings with teaching personnel and students from diploma program under evaluation.

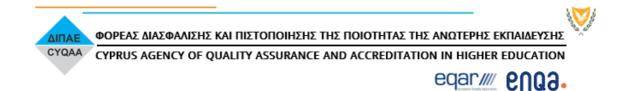
The committee members consider the level of documentation and other materials provided to them sufficient for the adequate evaluation of the program.

Overall, the GC team seemed to have mediocre level of preparedness for the meeting in the beginning. The main presentation about the program both slides and verbal, was made in Greek, which made understanding the materials difficult. Later transitioning to English improved communication significantly. In general, most of the materials presented in verbal were very general lacking specific information and examples. Nevertheless, the GC team managed to improve significantly along the way and eventually presented solid body of coherent information sufficient for the committee members to elaborate opinions and to summarize joint conclusions presented in this report.



# **B. External Evaluation Committee (EEC)**

Name	Position	University
Agis Papadopoulos	Professor	Aristotle University of Thessaloniki
Dmytro Orlov	Professor	Lund University
Chang Jiang Wang	Reader	University of Sussex
Soteria Elia	Student	University of Cyprus
Name	Position	University
Name	Position	University



# C. Guidelines on content and structure of the report

- The external evaluation report follows the structure of assessment areas.
- At the beginning of each assessment area there is a box presenting:

   (a) sub-areas
  - (b) standards which are relevant to the European Standards and Guidelines (ESG)
  - (c) some questions that EEC may find useful.
- The questions aim at facilitating the understanding of each assessment area and at illustrating the range of topics covered by the standards.
- Under each assessment area, it is important to provide information regarding the compliance with the requirements of each sub-area. In particular, the following must be included:

#### **Findings**

A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

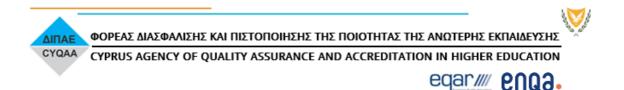
#### <u>Strengths</u>

A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

#### Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

- The EEC should state the compliance for each sub-area (Non-compliant, Partially compliant, Compliant), which must be in agreement with everything stated in the report. It is pointed out that, in the case of standards that cannot be applied due to the status of the HEI and/or of the programme of study, N/A (= Not Applicable) should be noted.
- The EEC should state the conclusions and final remarks regarding the programme of study as a whole.
- The report may also address other issues which the EEC finds relevant.



**1. Study programme and study programme's design and development** (ESG 1.1, 1.2, 1.7, 1.8, 1.9)

#### Sub-areas

- 1.1 Policy for quality assurance
- 1.2 Design, approval, on-going monitoring and review
- 1.3 Public information
- 1.4 Information management

#### 1.1 Policy for quality assurance

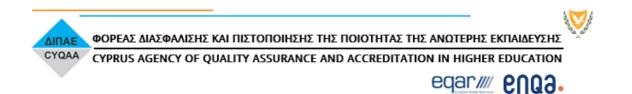
#### <u>Standards</u>

- Policy for quality assurance of the programme of study:
  - has a formal status and is publicly available
  - supports the organisation of the quality assurance system through appropriate structures, regulations and processes
  - supports teaching, administrative staff and students to take on their responsibilities in quality assurance
  - o ensures academic integrity and freedom and is vigilant against academic fraud
  - guards against intolerance of any kind or discrimination against the students or staff
  - o supports the involvement of external stakeholders

#### 1.2 Design, approval, on-going monitoring and review

#### Standards

- The programme of study:
  - is designed with overall programme objectives that are in line with the institutional strategy and have explicit intended learning outcomes
  - o is designed by involving students and other stakeholders
  - o benefits from external expertise
  - reflects the four purposes of higher education of the Council of Europe (preparation for sustainable employment, personal development, preparation for life as active citizens in democratic societies, the development and maintenance, through teaching, learning and research, of a broad, advanced knowledge base)
  - $\circ$  is designed so that it enables smooth student progression
  - is designed so that the exams' and assignments' content corresponds to the level of the programme and the number of ECTS
  - o defines the expected student workload in ECTS



- o includes well-structured placement opportunities where appropriate
- o is subject to a formal institutional approval process
- results in a qualification that is clearly specified and communicated, and refers to the correct level of the National Qualifications Framework for Higher Education and, consequently, to the Framework for Qualifications of the European Higher Education Area
- is regularly monitored in the light of the latest research in the given discipline, thus ensuring that the programme is up-to-date
- is periodically reviewed so that it takes into account the changing needs of society, the students' workload, progression and completion, the effectiveness of procedures for assessment of students, student expectations, needs and satisfaction in relation to the programme
- o is reviewed and revised regularly involving students and other stakeholders

#### **1.3 Public information**

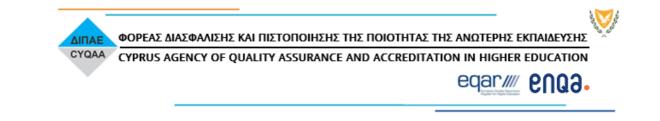
#### <u>Standards</u>

- Regarding the programme of study, clear, accurate, up-to date and readily accessible information is published about:
  - o selection criteria
  - o intended learning outcomes
  - o qualification awarded
  - o teaching, learning and assessment procedures
  - o pass rates
  - o learning opportunities available to the students
  - o graduate employment information

#### 1.4 Information management

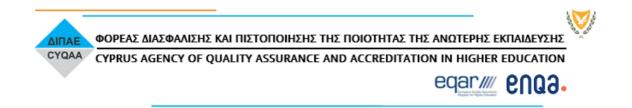
#### <u>Standards</u>

- Information for the effective management of the programme of study is collected, monitored and analysed:
  - key performance indicators
  - o profile of the student population
  - o student progression, success and drop-out rates
  - o students' satisfaction with their programmes
  - o learning resources and student support available
  - o career paths of graduates
- Students and staff are involved in providing and analysing information and planning follow-up activities.



You may also consider the following questions:

- What is the procedure for quality assurance of the programme and who is involved?
- Who is involved in the study programme's design and development (launching, changing, internal evaluation) and what is taken into account (strategies, the needs of society, etc.)?
- How/to what extent are students themselves involved in the development of the content of their studies?
- Please evaluate a) whether the study programme remains current and consistent with developments in society (labour market, digital technologies, etc.), and b) whether the content and objectives of the study programme are in accordance with each other?
- Do the content and the delivery of the programme correspond to the European Qualifications Framework (EQF)?
- How is coherence of the study programme ensured, i.e., logical sequence and coherence of courses? How are substantial overlaps between courses avoided? How is it ensured that the teaching staff is aware of the content and outputs of their colleagues' work within the same study programme?
- How does the study programme support development of the learners' general competencies (including digital literacy, foreign language skills, entrepreneurship, communication and teamwork skills)?
- What are the scope and objectives of the foundation courses in the study programme (where appropriate)? What are the pass rates?
- How long does it take a student on average to graduate? Is the graduation rate for the study programme analogous to other European programmes with similar content? What is the pass rate per course/semester?
- How is it ensured that the actual student workload is in accordance with the workload expressed by ECTS?
- What are the opportunities for international students to participate in the study programme (courses/modules taught in a foreign language)?
- Is information related to the programme of study publicly available?
- How is the HEI evaluating the success of its graduates in the labor market? What is the feedback from graduates of the study programme on their employment and/or continuation of studies?
- Have the results of student feedback been analysed and taken into account, and how (e.g., when planning in-service training for the teaching staff)?
- What are the reasons for dropping out (voluntary withdrawal)? What has been done to reduce the number of such students?



#### **Findings**

# A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

The diploma program under evaluation in Global College has an officially approved status. It fulfils all the formal requirements of respective regulators of the Republic of Cyprus. The program has a clear structure, which is publicly available at GC website. Study objectives and outcome goals are based on ECTS system for evaluating student knowledge. The diploma program is adequately designed and has sufficient staff expertise according to the scope of study.

Many statements about compliance with the above criteria were made during assessment. However, little factual information was provided. The College seems to have many engagements with other institutions abroad, but these do not seem to have any direct relevance to the Automotive Engineering program under evaluation. No existing system for the evaluation and improvement of education quality was presented to the committee.

#### **Strengths**

#### A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

The program seems to be of high demand in the labour market of Cyprus. This program dramatically improves employability perspectives for its graduates.

Graduate students found the courses useful for their jobs.

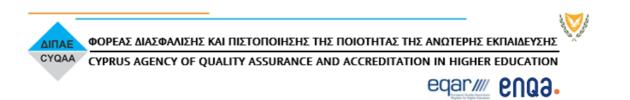
#### Areas of improvement and recommendations

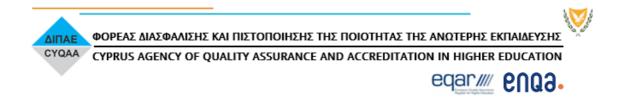
A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

Objectives and expected outcomes in most courses as well as the program overall need to be clearer formulated. This applies in particular to the English version of the documents, that was presented to the committee. The Greek version of the courses' description is much better in that sense, since objectives and outcomes are clearly described and formulated.

		Non-compliant/
Sub-	area	Partially Compliant/Compliant
1.1	Policy for quality assurance	Partially compliant
1.2	Design, approval, on-going monitoring and review	Partially compliant
1.3	Public information	Compliant
1.4	Information management	Compliant

#### Please select what is appropriate for each of the following sub-areas:





#### **2.** Student – centred learning, teaching and assessment (ESG 1.3)

#### Sub-areas

- 2.1 Process of teaching and learning and student-centred teaching methodology
- 2.2 Practical training
- 2.3 Student assessment

#### 2.1 Process of teaching and learning and student-centred teaching methodology

<u>Standards</u>

- The process of teaching and learning supports students' individual and social development.
- The process of teaching and learning is flexible, considers different modes of delivery, where appropriate, uses a variety of pedagogical methods and facilitates the achievement of planned learning outcomes.
- Students are encouraged to take an active role in creating the learning process.
- The implementation of student-centered learning and teaching encourages a sense of autonomy in the learner, while ensuring adequate guidance and support from the teacher.
- Teaching methods, tools and material used in teaching are modern, effective, support the use of modern educational technologies and are regularly updated.
- Mutual respect within the learner-teacher relationship is promoted.
- The implementation of student-centred learning and teaching respects and attends to the diversity of students and their needs, enabling flexible learning paths.
- Appropriate procedures for dealing with students' complaints regarding the process of teaching and learning are set.

# 2.2 Practical training

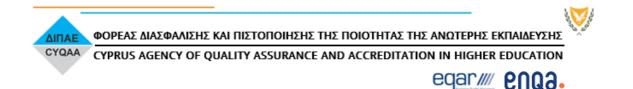
<u>Standards</u>

- Practical and theoretical studies are interconnected.
- The organisation and the content of practical training, where applicable, support achievement of planned learning outcomes and meet the needs of the stakeholders.

#### 2.3 Student assessment

<u>Standards</u>

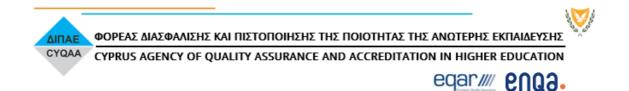
• Assessment is consistent, fairly applied to all students and carried out in accordance with the stated procedures.



- Assessment is appropriate, transparent, objective and supports the development of the learner.
- The criteria for the method of assessment, as well as criteria for marking, are published in advance.
- Assessment allows students to demonstrate the extent to which the intended learning outcomes have been achieved. Students are given feedback, which, if necessary, is linked to advice on the learning process.
- Assessment, where possible, is carried out by more than one examiner.
- A formal procedure for student appeals is in place.
- Assessors are familiar with existing testing and examination methods and receive support in developing their own skills in this field.
- The regulations for assessment take into account mitigating circumstances.

You may also consider the following questions:

- How is it monitored that the teaching staff base their teaching and assessment methods on objectives and intended learning outcomes? Provide samples of examination papers (if available).
- How are students' different abilities, learning needs and learning opportunities taken into consideration when conducting educational activities?
- How is the development of students' general competencies (including digital skills) supported in educational activities?
- How is it ensured that innovative teaching methods, learning environments and learning aids that support learning are diverse and used in educational activities?
- Is the teaching staff using new technology in order to make the teaching process more effective?
- How is it ensured that theory and practice are interconnected in teaching and learning?
- How is practical training organised (finding practical training positions, guidelines for practical training, supervision, reporting, feedback, etc.)? What role does practical training have in achieving the objectives of the study programme? What is student feedback on the content and arrangement of practical training?
- Are students actively involved in research? How is student involvement in research set up?
- How is supervision of student research papers (seminar papers, projects, theses, etc.) organised?
- Do students' assessments correspond to the European Qualifications Framework (EQF)?
- How are the assessment methods chosen and to what extent do students get supportive feedback on their academic progress during their studies?
- How is the objectivity and relevance of student assessment ensured (assessment of the degree of achievement of the intended learning outcomes)?



#### Findings

# A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

The program is found to have sufficient education standards addressing the main needs of students. Program coordinators make excellent effort to distribute teaching time flexibly, depending on student needs, even when it comes at the expense of increasing load on teachers. Theoretical courses are designed to give just enough background to students for building practical skills that are the focus of this program.

The dropout of students from the program is virtually non-existent, which suggests modest load on students during their studies along with soft demands in the assessment of their knowledge. Students on this program also get sufficient administrative support along with flexible schedule of collecting tuition fees.

#### Strengths

#### A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

The focus in this program is made on practical skills, which is totally appropriate for the level of such a diploma program and is much appreciated by the students themselves. The possibilities of visiting major car manufacturers in Germany is a strong motivational factor for students contributing to the study program quality and success. The existence of a 'practical training' course in the last semester preceding graduation is one of the program strengths.

English manuals for vehicles are used for students to learn English and understand vehicle specifications and maintenance.

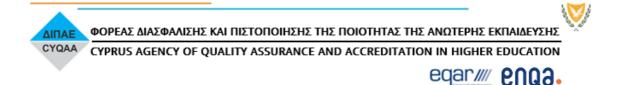
#### Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

The practical skills and modernisation of student background can be significantly improved by adding in structured way to the practical works with electric or at least hybrid vehicle.

#### Please select what is appropriate for each of the following sub-areas:

		Non-compliant/
Sub-	area	Partially Compliant/Compliant
2.1	Process of teaching and learning and student- centred teaching methodology	Compliant
2.2	Practical training	Compliant
2.3	Student assessment	Compliant



# 3. Teaching staff (ESG 1.5)

Sub-areas

- 3.1 Teaching staff recruitment and development
- 3.2 Teaching staff number and status
- 3.3 Synergies of teaching and research

# 3.1 Teaching staff recruitment and development

<u>Standards</u>

- Institutions ensure the competence of their teaching staff.
- Fair, transparent and clear processes for the recruitment and development of the teaching staff are set up.
- Teaching staff qualifications are adequate to achieve the objectives and planned learning outcomes of the study programme, and to ensure quality and sustainability of the teaching and learning.
- The teaching staff is regularly engaged in professional and teaching-skills training and development.
- Promotion of the teaching staff takes into account the quality of their teaching, their research activity, the development of their teaching skills and their mobility.
- Innovation in teaching methods and the use of new technologies is encouraged.
- Conditions of employment that recognise the importance of teaching are followed.
- Recognised visiting teaching staff participates in teaching the study programme.

# 3.2 Teaching staff number and status

<u>Standards</u>

- The number of the teaching staff is adequate to support the programme of study.
- The teaching staff status (rank, full/part time) is appropriate to offer a quality programme of study.
- Visiting staff number does not exceed the number of the permanent staff.

# 3.3 Synergies of teaching and research

<u>Standards</u>

- The teaching staff collaborate in the fields of teaching and research within the HEI and with partners outside (practitioners in their fields, employers, and staff members at other HEIs in Cyprus or abroad).
- Scholarly activity to strengthen the link between education and research is encouraged.
- The teaching staff publications are within the discipline.



- Teaching staff studies and publications are closely related to the programme's courses.
- The allocation of teaching hours compared to the time for research activity is appropriate.

You may also consider the following questions:

- How are the members of the teaching staff supported with regard to the development of their teaching skills? How is feedback given to members of the teaching staff regarding their teaching results and teaching skills?
- How is the teaching performance assessed? How does their teaching performance affect their remuneration, evaluation and/or selection?
- Is teaching connected with research?
- Does the HEI involve visiting teaching staff from other HEIs in Cyprus and abroad?
- What is the number, workload, qualifications and status of the teaching staff (rank, full/part timers)?
- Is student evaluation conducted on the teaching staff? If yes, have the results of student feedback been analysed and taken into account, and how (e.g., when planning in-service training for the teaching staff)?

# <u>Findings</u>

# A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

Teaching personnel in the program under evaluation appear to have adequate qualifications sufficient for quality education. However, teaching staff has no incentives nor systematic approach in professional development. All the professional development is carried out by teachers based on their own initiatives. There seems to be little to no connection between teaching and research in this program. This may not be a significant problem for the Diploma level, but it would certainly help to further improve the program's level and, especially, the development of the teaching staff.

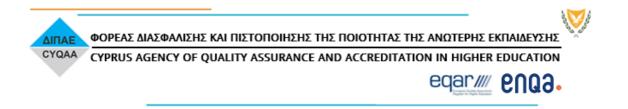
# Strengths

#### A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

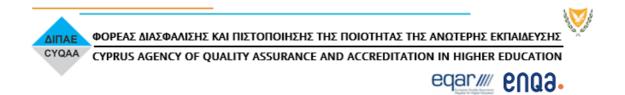
Teaching personnel in this program appear to have good practices and broad knowledge sufficient to cover rather broad range of topics at the same time providing personal attention to student needs.

# Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

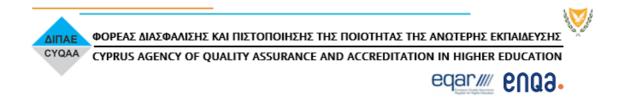


Academic personnel on this program seem to have very limited research activities and no incentives to carry out such. This pattern is very similar to the approach to professional development. Significant efforts should be made to encourage and systematically assess professional development and research activities of teachers.



# Please select what is appropriate for each of the following sub-areas:

Sub-	area	Non-compliant/ Partially Compliant/Compliant
Jub		
3.1	Teaching staff recruitment and development	Compliant
3.2	Teaching staff number and status	Compliant
3.3	Synergies of teaching and research	Partially compliant



# 4. Student admission, progression, recognition and certification (ESG 1.4)

Sub-areas

- 4.1 Student admission, processes and criteria
- 4.2 Student progression
- 4.3 Student recognition
- 4.4 Student certification

#### 4.1 Student admission, processes and criteria

<u>Standards</u>

- Pre-defined and published regulations regarding student admission are in place.
- Access policies, admission processes and criteria are implemented consistently and in a transparent manner.

# 4.2 Student progression

<u>Standards</u>

- Pre-defined and published regulations regarding student progression are in place.
- Processes and tools to collect, monitor and act on information on student progression, are in place.

# 4.3 Student recognition

<u>Standards</u>

- Pre-defined and published regulations regarding student recognition are in place.
- Fair recognition of higher education qualifications, periods of study and prior learning, including the recognition of non-formal and informal learning, are essential components for ensuring the students' progress in their studies, while promoting mobility.
- Appropriate recognition procedures are in place that rely on:
  - institutional practice for recognition being in line with the principles of the Lisbon Recognition Convention
  - cooperation with other institutions, quality assurance agencies and the national ENIC/NARIC centre with a view to ensuring coherent recognition across the country

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# 4.4 Student certification

#### <u>Standards</u>

- Pre-defined and published regulations regarding student certification are in place.
- Students receive certification explaining the qualification gained, including achieved learning outcomes and the context, level, content and status of the studies that were pursued and successfully completed.

You may also consider the following questions:

- Are the admission requirements for the study programme appropriate? How is the students' prior preparation/education assessed (including the level of international students, for example)?
- How is the procedure of recognition for prior learning and work experience ensured, including recognition of study results acquired at foreign higher education institutions?
- Is the certification of the HEI accompanied by a diploma supplement, which is in line with European and international standards?

# <u>Findings</u>

# A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

The program seems to have clearly stated pre-requisite and selection criteria regarding student admission that are based on the regulatory framework of the Republic of Cyprus; they are published on GC website. It also has flexible admission schedule and a transparent structure well distributed among four teaching semesters with most courses being compulsory. The education process is primarily in Greek with limited formal courses given in English.

# Strengths

# A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

Good laboratory facilities including a model car for the practical exploration each module operation. The students can carry out hands-on laboratory work on multiple practical aspects.

# Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

At least some of the instruments including a car model need to be upgraded / modernised, to cope with developments in the automotive branch. Virtual laboratory tools would also be nice to develop.



The number of female students is very low and therefore more efforts are necessary to attract such to the program, although it is known that it is a professional sector dominated by male engineers.

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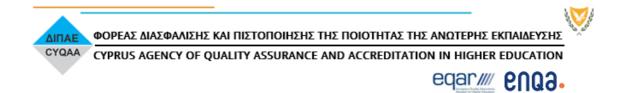
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Please select what is appropriate for each of the following sub-areas:		
		Non-compliant/
Sub-a	area	Partially Compliant/Compliant
4.1	Student admission, processes and criteria	Compliant
4.2	Student progression	Compliant
4.3	Student recognition	Compliant
4.4	Student certification	Compliant

#### 20



**5.** Learning resources and student support (ESG 1.6)

#### Sub-areas

- 5.1 Teaching and Learning resources
- 5.2 Physical resources
- 5.3 Human support resources
- 5.4 Student support

#### 5.1 Teaching and Learning resources

Standards

- Adequate and readily accessible teaching and learning resources (teaching and learning environments, materials, aids and equipment) are provided to students and support the achievement of objectives in the study programme.
- Adequacy of resources is ensured for changing circumstances (change in student numbers, etc.).
- All resources are fit for purpose.
- Student-centred learning and flexible modes of learning and teaching, are taken into account when allocating, planning and providing the learning resources.

# 5.2 Physical resources

#### <u>Standards</u>

- Physical resources, i.e. premises, libraries, study facilities, IT infrastructure, are adequate to support the study programme.
- Adequacy of resources is ensured for changing circumstances (change in student numbers, etc.).
- All resources are fit for purpose and students are informed about the services available to them.

#### 5.3 Human support resources

#### Standards

- Human support resources, i.e. tutors/mentors, counsellors, other advisers, qualified administrative staff, are adequate to support the study programme.
- Adequacy of resources is ensured for changing circumstances (change in student numbers, etc.).

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• All resources are fit for purpose and students are informed about the services available to them.

# 5.4 Student support

# Standards

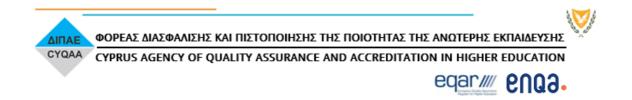
- Student support is provided covering the needs of a diverse student population, such as mature, part-time, employed and international students and students with special needs.
- Students are informed about the services available to them.
- Student-centred learning and flexible modes of learning and teaching, are taken into account when allocating, planning and providing student support.
- Students' mobility within and across higher education systems is encouraged and supported.

You may also consider the following questions:

- Evaluate the supply of teaching materials and equipment (including teaching labs, expendable materials, etc.), the condition of classrooms, adequacy of financial resources to conduct the study programme and achieve its objectives. What needs to be supplemented/ improved?
- What is the feedback from the teaching staff on the availability of teaching materials, classrooms, etc.?
- Are the resources in accordance with actual (changing) needs and contemporary requirements? How is the effectiveness of using resources ensured?
- What are the resource-related trends and future risks (risks arising from changing numbers of students, obsolescence of teaching equipment, etc.)? How are these trends taken into account and how are the risks mitigated?
- Evaluate student feedback on support services. Based on student feedback, which support services (including information flow, counselling) need further development?
- How is student learning within the standard period of study supported (student counselling, flexibility of the study programme, etc.)?
- How students' special needs are considered (different capabilities, different levels of academic preparation, special needs due to physical disabilities, etc.)?
- How is student mobility being supported?

# <u>Findings</u>

A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.



Students on the diploma program have sufficient support from teaching and administration personnel as well as flexible options for the time of studies. Laboratory facilities, (electronic) libraries and study rooms are adequate for the level of educations and current number of students. Most students on the program have very practical demands to their education, and these are addressed adequately.

Students are provided with hard copies of lecture materials, electronic versions of lecture materials are available to students who require them.

The IT department is able to support the student with the required software for learning the course.

#### **Strengths**

#### A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

High teacher/student ratio along with flexible approach to teaching hours as well as electronic libraries. Students appreciate the support of teachers. Thetic exchange visits in the framework of Erasmus+ program is an excellent practice, which be maintained as much as possible.

#### Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

It would be nice to upgrade laboratory facilities including adding equipment for practical mechanical testing. Additional resources for remote classes to tackle unexpected situations such as pandemics in case of needs have to be elaborated.

# Please select what is appropriate for each of the following sub-areas:

		Non-compliant/
Sub-a	area	Partially Compliant/Compliant
5.1	Teaching and Learning resources	Compliant
5.2	Physical resources	Compliant
5.3	Human support resources	Compliant
5.4	Student support	Compliant



# 6. Additional for doctoral programmes (ALL ESG)

Sub-areas

- 6.1 Selection criteria and requirements
- 6.2 Proposal and dissertation
- 6.3 Supervision and committees

# 6.1 Selection criteria and requirements

Standards

- Specific criteria that the potential students need to meet for admission in the programme, as well as how the selection procedures are made, are defined.
- The following requirements of the doctoral degree programme are analysed and published:
  - the stages of completion
  - o the minimum and maximum time of completing the programme
  - o the examinations
  - o the procedures for supporting and accepting the student's proposal
  - the criteria for obtaining the Ph.D. degree

# 6.2 Proposal and dissertation

<u>Standards</u>

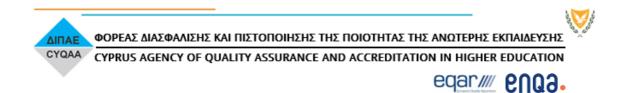
- Specific and clear guidelines for the writing of the proposal and the dissertation are set regarding:
  - o the chapters that are contained
  - o the system used for the presentation of each chapter, sub-chapters and bibliography
  - the minimum word limit
  - the binding, the cover page and the prologue pages, including the pages supporting the authenticity, originality and importance of the dissertation, as well as the reference to the committee for the final evaluation
- There is a plagiarism check system. Information is provided on the detection of plagiarism and the consequences in case of such misconduct.
- The process of submitting the dissertation to the university library is set.

# 6.3 Supervision and committees

<u>Standards</u>

- The composition, the procedure and the criteria for the formation of the advisory committee (to whom the doctoral student submits the research proposal) are determined.
- The composition, the procedure and the criteria for the formation of the examining committee (to whom the doctoral student defends his/her dissertation), are determined.
- The duties of the supervisor-chairperson and the other members of the advisory committee towards the student are determined and include:

o regular meetings



- reports per semester and feedback from supervisors
- support for writing research papers
- o participation in conferences
- The number of doctoral students that each chairperson supervises at the same time are determined.

You may also consider the following questions:

- How is the scientific quality of the PhD thesis ensured?
- Is there a link between the doctoral programmes of study and the society? What is the value of the obtained degree outside academia and in the labour market?
- Can you please provide us with some dissertation samples?

# Findings

A short description of the situation in the Higher Education Institution (HEI), based on elements from the application for external evaluation and on findings from the onsite visit.

N/A

# <u>Strengths</u>

A list of strengths, e.g. examples of good practices, achievements, innovative solutions etc.

N/A

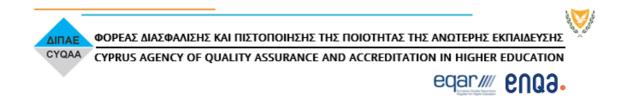
# Areas of improvement and recommendations

A list of problem areas to be dealt with, followed by or linked to the recommendations of how to improve the situation.

N/A

# Please select what is appropriate for each of the following sub-areas:

		Non-compliant/
Sub-	area	Partially Compliant/Compliant
6.1	Selection criteria and requirements	Not applicable
6.2	Proposal and dissertation	Not applicable
6.3	Supervision and committees	Not applicable

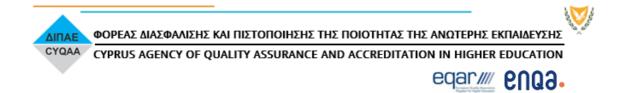


#### D. Conclusions and final remarks

Please provide constructive conclusions and final remarks which may form the basis upon which improvements of the quality of the programme of study under review may be achieved, with emphasis on the correspondence with the EQF.

This is an accredited program, which functions well and is increasing in popularity among students of various age groups. It also addresses modern ground-level needs in the Cyprus labour market, which for many years was lacking formally trained and certified craftsmen. The program certainly deserves continuation. At the same time, the program would substantially benefit from improvements on multiple aspects, starting from regular professional development of teaching personnel and modernisation of experimental facilities as well as better formulation of program teaching outcomes for students and the system of education quality assessment and improvement.

The description of the courses needs to be improved, the learning outcomes should be concise, and the amount of detail for the course content should be consistent across all courses.



# E. Signatures of the EEC

Name	Signature
Agis Papadopoulos	
Dmytro Orlov	
Chang Jiang Wang	
Soteria Elia	
Click to enter Name	
Click to enter Name	

Date: 25/07/2022