

Doc. 300.1.2

Date: 09.10.2023

## Higher Education Institution's Response

- **Higher Education Institution:**  
Neapolis University Pafos

- **Town:** Pafos

- **Programme of study**  
**Name (Duration, ECTS, Cycle)**

**In Greek:**

Πτυχίο Πολιτικών Μηχανικών (4 χρόνια, 240 ECTS, προπτυχιακό)

**In English:**

Civil Engineering (4 years, 240 ECTS, bachelor)

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

**In Greek:** Concentrations

**In English:** Concentrations



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. Guidelines on content and structure of the report

- *The Higher Education Institution (HEI) based on the External Evaluation Committee's (EEC's) evaluation report (Doc.300.1.1 or 300.1.1/1 or 300.1.1/2 or 300.1.1/3 or 300.1.1/4) must justify whether actions have been taken in improving the quality of the programme of study in each assessment area. The answers' documentation should be brief and accurate and supported by the relevant documentation. Referral to annexes should be made only when necessary.*
- *In particular, under each assessment area and by using the 2<sup>nd</sup> column of each table, the HEI must respond on the following:*
  - *the areas of improvement and recommendations of the EEC*
  - *the conclusions and final remarks noted by the EEC*
- *The institution should respond to the EEC comments, in the designated area next each comment. The comments of the EEC should be copied from the EEC report **without any interference** in the content.*
- *In case of annexes, those should be attached and sent on separate document(s). Each document should be in \*.pdf format and named as annex1, annex2, etc.*

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

Areas of improvement and recommendations <b>by EEC</b>	Actions Taken by the Institution	For Official Use ONLY
<p>It appears that more “learning by doing” type of courses/activities (project-based learning) could potentially improve the overall student experience and further improve team works. This could be enhanced in the form of semester projects that may already be in place. Moreover, this could be potentially improved with the expansion of facilities that allow for hands on work.</p>	<p>Aiming to improve students' hands-on experience and to develop a team spirit, the teaching staff has already been instructed to modify accordingly projects/assignments/ coursework. The practical nature of the projects will be supported by structural kits (see <i>Figure 2 &amp; Figure 3</i>), equipment in the engineering labs (additional orders have already been placed – see <i>Invoice 1 &amp; Invoice 2</i>), but also equipment in the recently established Architectural Workshop, such as 3D plotter, laser cutter, etc. (see <i>Figure 4</i>).</p>	<p>Choose level of compliance:</p>
<p>A classification system that distinguishes ranking of students within their transcript could be motivating for future graduates. This may be easily put in place by expanding / improving current practices.</p>	<p>As illustrated in <i>Figure 1</i>, there is a classification system for student ranking, shown on both their degree and their transcripts. In, fact, there are three successful ranking levels:</p> <ol style="list-style-type: none"> <li>1. First Class Honors (grades greater than 85%)</li> <li>2. Second Class Honors (grades from 65% to 84%)</li> <li>3. Third Class Honors (grades from 50% to 64%)</li> </ol> <p>The existing classification system acts as an incentive for students and a measure of their improvement.</p>	<p>Choose level of compliance:</p>
<p>Project economics and management courses shall be demonstrated to students more evidently. This appears to be very important for the professional body of Cyprus (ETEK) as well. This can also be stressed more clearly by co-organizing related seminars in collaboration with ETEK to demonstrate via coherent project examples the importance of project economics and management so that the students get a bigger picture of an actual construction project. This could also be done in coordination with construction management divisions as this relates more to this discipline, but it certainly resonates</p>	<p>In addition to the Construction Management course offered in Semester 8, as shown in <i>Figure 8</i>, the programme offers a wide range of free elective courses in economics, management and other general education topics:</p> <ul style="list-style-type: none"> <li>– Principles of Real Estate</li> <li>– Principles of Microeconomics</li> <li>– Principles of Macroeconomics</li> <li>– Political Economy</li> <li>– Introduction to Business</li> <li>– Principles of Marketing</li> <li>– Organizational Behaviour</li> <li>– Operations Management</li> <li>– Human Resources Management</li> </ul> <p>The Department’s administration considers the suggestions of the Technical Chamber of Cyprus</p>	<p>Choose level of compliance:</p>

<p>with future civil engineering graduates.</p>	<p>(ETEK) very important, seeking constant consultation and cooperation with it. Therefore, many joint events, seminars and webinars of the Department with both ETEK and the Cyprus Association of Civil Engineers (CYACE) have been co-organized in the last five years. We mention here some of them:</p> <p><u>Webinars</u></p> <ul style="list-style-type: none"> <li>– “An Introduction to Offshore Structures &amp; Design Criteria” by Dr. Andrea Spessa (27/05/2021)</li> <li>– “Some Lessons We Learned from Earthquakes. An International Overview” by Prof. P. Karydis (26/05/2021)</li> <li>– "Future of Living: Building Fire Safety - Real estate and tourism - Fire safety in high rise apartment-buildings and in hospitality (hotels)" by Prof. D. Luraschi (25/05/2021)</li> <li>– "Construction and dynamic behavior of a pedestrian arch bridge in Athens" by Prof. I. Vayas (14/04/2021)</li> <li>– "Analysis and Design of Prestressed Concrete Structures" by Prof. Franco Mola (18/12/2020)</li> </ul> <p><u>Seminars</u></p> <ul style="list-style-type: none"> <li>– "Load-bearing Masonry Structures: Assessment and Retrofit of Seismic Loads" by Prof. C. Spyrakos (19/06/2019)</li> <li>– “Eurocodes 2 and 8: Critical Design and Construction Issues” (14/05/2019)</li> </ul> <p>Many events and seminars were also co-organized with stakeholders of the construction industry, as a result of signing respective memorandums of understanding with them:</p> <p><u>Seminars</u></p> <ul style="list-style-type: none"> <li>– "Dry Construction Systems, Soundproofing and Thermal Insulation" in collaboration with the company KNAUF CYPRUS LTD (24/04/2023)</li> <li>– "Repair and Rehabilitation of Deteriorated Concrete" by Mr. H. Saab (14/10/2022)</li> </ul> <p>All the above events, attended by both students and professional civil engineers, contributed to the further training of the participants.</p> <p>In order to enrich the students' experiences in construction practice related matters, the Department also organized a number of visits to construction sites and industries:</p>	
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	<ul style="list-style-type: none"><li>- Limassol Blu Marine and Limassol Delmar Construction Sites, Leptos Group, Limassol (2023)</li><li>- Dam of Kannaviou (2023)</li><li>- Kamanterena Winery Wastewater Treatment Plant (2023)</li><li>- Asphalt Concrete Manufacturing Plant of Charalambidis S. Petros &amp; Co., Pafos (2022)</li><li>- Beach Villas Construction Site, Leptos Group, Pafos (2022)</li><li>- Municipal Wastewater Treatment Plant of Pafos, Acheleia (2022)</li><li>- Dam of Asprokremmos (2019)</li></ul>	
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## 2. Student – centred learning, teaching and assessment (ESG 1.3)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
<p>There is good practice in encouraging active teaching-learning feedback process through flexible arrangement of consultation. Nonetheless, it would be good to allocate specific time slots to ensure availability of teaching staff and encourage good practice in time management in the learning process.</p>	<p>Based on a Neapolis University standing policy, aiming to encourage a good practice in time management in the learning process, all teaching staff is required to declare office hours - at least 6 hours per week - and post them both on the office door and on each course page of the Learning Management System (MOODLE). Furthermore, teacher-student contact is constantly maintained through contemporary means of communication, such as teleconferencing, forum / messaging / feedback system in the MOODLE, University e-mailing system, etc.</p>	<p>Choose level of compliance:</p>
<p>Also the mechanisms of formative feedback throughout the semester should be explicitly stated at individual course level to ensure students' awareness and consistency of practice across the board.</p>	<p>A standing procedure adopted by the Department is that course syllabi are posted on each course page in the MOODLE, so that students are aware in advance of the objectives, content, grading method and critical dates regarding each course. Special instructions have been given to the teachers, so that for each graded activity, assignment or exam, sufficient formative feedback should be given in the MOODLE (feedback system), either in the form of feedback comments, or in the form of electronic corrections on the texts, or in the form of formative tables (see example in <i>Table 1</i>). These tables, stating the formative assessment method, should also be included in the posted assignments.</p>	<p>Choose level of compliance:</p>
<p>It is clear that teaching staff are well positioned to deal with ongoing difficulties due to issues such as sickness that may have affected a coursework submission. It would be good to have a standardised process to address such special circumstances, which may also have affected a student's ability to demonstrate their learning achievement.</p>	<p>According to University policy, if a student misses the final exam for a valid reason, his/her participation in the September exams will be considered as his/her first attempt. Valid reasons include absence due to certified medical reasons (a medical certificate must be submitted to the University within 10 days from the end of the examination period) or other reasons of force majeure. Make up midterm exams or project presentations are decided by each teacher in collaboration with the programme director. Nevertheless, remote examination is not allowed. Furthermore, in case of certified medical reasons, e.g. due to a pandemic, a Departmental policy enables students who have fallen ill to attend lectures or</p>	<p>Choose level of compliance:</p>

	laboratory exercises remotely, either on-line or video recorded. It should be noted that the delivery of assignments is not affected by such situations because it is done remotely through MOODLE.	
Placement could be better coordinated – this is not to say that the programme should be responsible to look after the placement opportunity for each student, but more about trying to establish identifiable industry links and communicate such links with students.	<p>We believe that our placement programme is well coordinated, guided by certain Departmental and Institutional policies, and supported by the NUP Liaisons Office, which takes care of the connection between the University and the labor market. Proof is the fact that, until now, the majority of the department students get placement. Furthermore, Memorandum of Understanding (MOU) type of agreements signed by the department with technical offices, companies and industries of the construction sector, facilitate the offering of positions for placement and research. In support of this, we cite the MOUs signed last academic year with the following companies:</p> <ul style="list-style-type: none"> <li>– TA GROUP S.A.R.L (Lebanon - June 2022)</li> <li>– KOULOUNDIS Architects-Engineers (January 2023)</li> <li>– Athinodorou Beton Ltd (February 2023)</li> <li>– Chr. Marneros &amp; Co. Ltd (May 2023)</li> <li>– Knauf Cyprus Ltd. (June 2023)</li> </ul>	Choose level of compliance:
Since placement is awarded ECTS credits, for students who do not get a placement opportunity, it would ideal if this could be substituted with an “equivalent” experience, such as a research or design oriented project, rather than taking extra theoretical modules, for the same credits.	The suggestion of assigning equivalent research or design oriented projects for students not getting a placement opportunity, seems to be an excellent idea and, therefore, it will be implemented in our programme from the very next semester.	Choose level of compliance:



### 3. Teaching staff (ESG 1.5)

Areas of improvement and recommendations by EEC	Actions Taken by the Institution	For Official Use ONLY
<p>It would help to establish relationships (formal agreements) with public universities and pertinent laboratory facilities along with training activities to assist young faculty to further develop their research path. This could effectively assist their teaching.</p>	<p>The suggestion to establish formal agreements with public and private institutions, so that the academic personnel will be able to use their research facilities, seems to be a very good idea and has been taken seriously by the University's as well as the Department's administration. In fact, the University's Research Department is in discussion with the Cyprus University of Technology and the ERATOSTHENES Centre of Excellence on this matter. In addition, through the signed MOUs with companies and industries, the possibility of using their research laboratories is widely available. The Athinodorou Beton Ltd laboratories and the ΔHNEMA Laboratories Ltd (company performing quality control of structural materials – see <i>Invoice 3</i>) have already been used for research purposes.</p>	<p>Choose level of compliance:</p>
<p>It may be best to consider initiating a research fund (through IDEK or through internal funding resources, if possible) so that teaching academics would be able to apply for funding / matching funds. It is understood that this may be challenging to apply at a more global scale, but it could first be established for the faculty member(s) that receive(s) a “best teaching award” of the year. This could also motivate all faculty to further improve their teaching methods.</p>	<p>There is a constant effort on the part of the academic staff to secure funding from IDEK. Despite there are some successful attempts, it seems difficult enough to initiate research funds through IDEK. To this end, the University comes as a helper in research (internal funding). Its support is mainly expressed through funding for:</p> <ul style="list-style-type: none"> <li>– Participating in Scopus indexed conferences (1 per year per faculty member).</li> <li>– Publishing articles in peer reviewed Open Access Journals (2 per year per faculty member).</li> <li>– Purchasing necessary laboratory equipment for research.</li> <li>– Purchasing appropriate software research tools.</li> <li>– Using research facilities of external laboratory.</li> </ul> <p>All the above funding appears in the Department's annual budget.</p> <p>In addition, the Department tries to secure external funding through agreements with companies and industries. There is also a thought of securing resources by certifying the engineering laboratories to offer services to the construction industry (see <i>Invoice 4</i>). On the other hand, the idea of establishing the</p>	<p>Choose level of compliance:</p>

	"best teacher of the year award" seems very attractive and will be immediately forwarded to the next senate session for approval.	
Further develop facilities (e.g., classrooms and laboratories) on campus to support architecture and civil engineering students.	In fact, the Departments of Architecture and Civil Engineering do not face any space problem so far, since they use almost exclusively two Architectural Studios of capacity 70 students each and two classrooms of its own (see <i>Figure 8</i> ), one in Engineering Labs of capacity 70 students and one in CADLab of capacity 24 students (see <i>Figure 6</i> ). However, with two new classrooms of total capacity 140 students delivered at the end of August (see <i>Figure 5</i> ) and the new 200m <sup>2</sup> Informatics Lab on the top of the Engineering Labs completed in mid-October (see <i>Figure 7</i> ), the classroom and laboratory spaces will be sufficient even for the case of a rapid increase in intake students.	Choose level of compliance:
As discussed, each faculty teaches, on average, 3 courses per week (9h lecture time per week). This should be re-balanced in a longer term to ensure current faculty can increase their research output. This could be achieved by hiring 2-3 additional faculty members in key thematic areas.	It is a standing University policy that academic staff, who do not have significant administrative duties, engage in an average of 3 courses per semester, corresponding to 9 hours lecture time per week. The University considers that the balance between teaching and research time ensured in this way. Moreover, given the current low student to faculty ratio in the Department (7/1), the teaching load of the faculty is not considered as excessive at present. However, there is a strategic planning so that, with the expected increase in intake students, e.g. in English-speaking intake students, but also with the development of new programmes, the Department will seek and elect additional faculty members in key thematic areas to meet the teaching needs.	Choose level of compliance:

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

Areas of improvement and recommendations <b>by EEC</b>	Actions Taken by the Institution	For Official Use ONLY
<p>Generally the practices followed are good. As the Department obtains more statistics over the next years in terms of students failing specific core courses and how that may affect their progression, those statistics can be used to make improvements in the timing of certain core courses.</p>	<p>Since both the Department and its programmes are relatively new, there are not enough statistics to give a clear indication of expected improvements. However, the Department's Internal Evaluation Committee, drawing conclusions from this small sample of student progression, recommends certain actions and improvements on the programme the University's Internal Quality Assurance Committee. By maintaining continuous quality control, those statistics may lead to significant improvement in certain core courses in the future.</p>	<p>Choose level of compliance:</p>

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

Areas of improvement and recommendations <b>by EEC</b>	Actions Taken by the Institution	For Official Use ONLY
<p>While what is currently done for international students appears to work reasonably well, there is some room for improvement in terms of the lectures. Those students should be offered lectures in English even when there is only one international student attending a class. Perhaps the use of recorded lectures in English could help in this direction.</p>	<p>It is a policy of the Department that an English-speaking separate class is formed only if there are more than 3 English-speaking students enrolled. Indeed, the mixed class operation, with tutorial hours and availability of lecture notes, exercises, examples, quizzes, assignments, exams, emails, messages, forums also in English, seems to work sufficiently so far. Nevertheless, we consider that the suggestion to post on MOODLE recorded lectures in English is both practical and applicable. In many courses it is already applied because there are lecture videos in English (as well as in Greek) from remote teaching during the pandemic. The teaching staff has already been instructed to prepare such videos for course lectures and laboratory presentations in English as well.</p>	<p>Choose level of compliance:</p>
<p>A computer lab and a teaching room with computers should be added. The University has a growth plan and hence should support the Department with more teaching rooms, and the addition of larger rooms.</p>	<p>In fact, the Department of Civil Engineering does not face any space problem so far, since it uses almost exclusively two classrooms of its own (see <i>Figure 8</i>), one in Engineering Labs of capacity 70 students and one in CADLab of capacity 20 students (see <i>Figure 6</i>). However, with two new classrooms of total capacity 140 students delivered at the end of August (see <i>Figure 5</i>) and the new 200m<sup>2</sup> Informatics Lab on the top of the Engineering Labs completed in mid-October (see <i>Figure 7</i>), the classroom and laboratory spaces will be sufficient even for the case of a rapid increase in intake students.</p>	<p>Choose level of compliance:</p>
<p>The Department should be supported in terms obtaining new equipment for teaching and research in the current labs.</p>	<p>The Department's administration in collaboration with the Engineering Laboratories director has drawn up a specific development policy. That is, through a specific fund in the annual budget of the Department, the purchase of new equipment, devices and consumables will be gradually ensured, so that new laboratories can be established, such as Fluid Mechanics Lab, Environment and Energy Lab, Geomechanics Lab, etc. (see <i>Invoice 1 &amp; Invoice 2</i>), as well as the existing laboratories to be further</p>	<p>Choose level of compliance:</p>

	developed (Concrete Technology Lab - see <i>Invoice 1</i> ).	
<p>Researchers should be given a budget for accessing national laboratories and other laboratories that offer specialized equipment. This will also require budgeting in the use of the equipment by the personnel of that lab. The University should allocate a budget for this. The researchers should also be supported by administrators who track related research opportunities from funding agencies.</p>	<p>As previously mentioned, the University's Research Department is in discussion with Public Universities and Research Centers to enable the use their research laboratories by our academic staff. In addition, through signed MOU agreements with companies and industries, the possibility of using their research laboratories is widely available. Such funding, concerning the use of external research laboratories, has already been included in the Department's annual budget (see - <i>Invoice 3</i>). In addition, the University's Research Department together with the Department's Research Committee track relevant research opportunities from funding agencies and inform interested researchers.</p>	<p>Choose level of compliance:</p>

## 6. Additional for doctoral programmes (ALL ESG)

Areas of improvement and recommendations <b>by EEC</b>	Actions Taken by the Institution	For Official Use ONLY
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## 7. Eligibility (Joint programme) (ALL ESG)

Areas of improvement and recommendations <b>by EEC</b>	Actions Taken by the Institution	For Official Use ONLY
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## B. Conclusions and final remarks

Conclusions and final remarks by EEC	Actions Taken by the Institution	For Official Use ONLY
<p>One aspect of improvement may be the effective communication with the professional engineering body of Cyprus (E TEK) so as courses associated with project economics and management could become electives of the current curriculum so as future engineers could be provided with the required skillset, which seems to be important for ETEK.</p>	<p>The Department’s administration considers the suggestions of the Technical Chamber of Cyprus (E TEK) very important, seeking constant consultation and cooperation with it. Therefore, any suggested elective courses associated with project economics and management will be implemented. However, in addition to the Construction Management course offered in Semester 8, the program offers a wide range of free electives in economics, management and other general education subjects (see <i>Figure 8</i>):</p> <ul style="list-style-type: none"> <li>– Principles of Real Estate</li> <li>– Principles of Microeconomics</li> <li>– Principles of Macroeconomics</li> <li>– Political Economy</li> <li>– Introduction to Business</li> <li>– Principles of Marketing</li> <li>– Organizational Behaviour</li> <li>– Operations Management</li> <li>– Human Resources Management</li> </ul>	<p>Choose level of compliance:</p>
<p>Another aspect to be considered is to include more opportunities for project-based learning, which is an important element of contemporary higher education.</p>	<p>Aiming to improve students' hands-on experience and to develop a team spirit, the teaching staff has already been instructed to include more opportunities for project-based learning by modifying accordingly projects/assignments/coursework. The practical nature of the projects will be supported by structural kits (see <i>Figure 2</i> &amp; <i>Figure 3</i>), equipment in the engineering labs (additional orders have already been placed – see <i>Invoice 1</i> &amp; <i>Invoice 2</i>), but also equipment in the recently established Architectural Workshop, such as 3D plotter, laser cutter, etc. (see <i>Figure 4</i>).</p>	<p>Choose level of compliance:</p>
<p>The expansion of facilities, classrooms and laboratories will enhance both the opportunities for effective learning, teaching as well as research, which appears to be a concern of existing faculty members.</p>	<p>The Department does not face any space problem so far, since it uses almost exclusively two classrooms of its own (see <i>Figure 8</i>), one in Engineering Labs of capacity 70 students and one in CADLab of capacity 24 students (see <i>Figure 6</i>).</p>	<p>Choose level of compliance:</p>



	<p>However, with two new classrooms of total capacity 140 students delivered at the end of August (see <i>Figure 5</i>) and the new 200m<sup>2</sup> Informatics Lab on the top of the Engineering Labs completed in mid-October (see <i>Figure 7</i>), the classroom and laboratory spaces will be sufficient even in the case of a rapid increase in intake students</p>	
<p>Research should be strengthened via the establishment of a small research fund that could aid access to facilities as well as testing equipment, which seems to be necessary for maintaining the high quality of teaching activities and the creation of future research activities that could eventually inform more effective teaching.</p>	<p>The University supports research through certain funding shown in the Department's annual budget. This small funding concerns:</p> <ul style="list-style-type: none"> <li>– Participating in Scopus indexed conferences (1 per year per faculty member).</li> <li>– Publishing articles in peer reviewed Open Access Journals (2 per year per faculty member).</li> <li>– Purchasing necessary laboratory equipment for research.</li> <li>– Purchasing appropriate software research tools.</li> <li>– Using the research facilities of external laboratory.</li> </ul> <p>The Department also tries to secure external funding through agreements with companies and industries. Furthermore, the EEC's proposal of establishing academic awards, such as "best teacher of the year award", seems very attractive and could indeed assist quality teaching. Therefore, it will be immediately forwarded to the next senate session for approval.</p>	<p>Choose level of compliance:</p>
<p>Arrange allocated time slots for consultation for each course.</p>	<p>Based on a Neapolis University standing policy, all teaching staff is required to declare office hours - at least 6 hours per week - and post them both on the office door and on each course page of the Learning Management System (MOODLE). Furthermore, the teacher-student contact is constantly maintained through contemporary means of communication, such as tele-conferencing, forum / messaging / feedback system in the MOODLE, University e-mailing system, etc.</p>	<p>Choose level of compliance:</p>
<p>Consider innovative approaches to overcoming the shortfall in availability of experimental facilities for research oriented</p>	<p>Discussions have been initiated by the University's Research Department with Public Universities and Research Centers for the use of their research laboratories by our academic staff. In addition,</p>	<p>Choose level of compliance:</p>

<p>projects – for example possible collaboration with other institutions in nearby regions.</p>	<p>through signed MOU agreements with companies and industries, the possibility of using their research laboratories is widely available. Such funding, concerning the use of external research laboratories, has already been included in the Department's annual budget.</p>	
<p>Put the placement programme in a more coordinated way and consider “equivalent” on-campus assignment, such as research or design oriented project, for students who do not get a placement opportunity.</p>	<p>Our placement programme is well coordinated, guided by certain Departmental and Institutional policies, and supported by the NUP Liaisons Office, which takes care of the connection between the University and the labor market. Proof is the fact that, until now, the majority of the students find placement. Nevertheless, the suggestion of assigning equivalent research or design-oriented projects for students not getting a placement opportunity, seems to be an excellent idea and, therefore, it will be implemented in our programme from the very next semester.</p>	<p>Choose level of compliance:</p>
<p>International students should be offered the opportunity to have lectures in English. Perhaps recorded lectures can help in this direction. The committee notes that the international students were quite positive about the current arrangement.</p>	<p>The suggestion of posting on MOODLE recorded lectures in English is both practical and applicable. In many courses it is already applied because there are lecture videos in English (as well as in Greek) from remote teaching during the pandemic. The teaching staff has already been instructed to prepare such videos for course lectures and laboratory presentations in English.</p>	<p>Choose level of compliance:</p>
<p>Some suggestions were made in terms of adding teaching rooms with computers and computer labs outside the library. The labs are adequate and allow for teaching but there was an identified need for their expansion and the addition of new equipment. As the University and Department plan to expand, the University should help the Department in planning for additional teaching spaces and the addition of larger teaching spaces. The University should also accommodate such an expansion by increasing the size of the Library.</p>	<p>When the new 200 m<sup>2</sup> Informatics Laboratory, equipped with modern hardware, will be completed in mid-October (see <i>Figure 7</i>), the computer laboratory spaces and their equipment will be more than sufficient. On the other hand, moving the Informatics Laboratory outside the library will create extra free space, improving the functionality in the library.</p> <p>It must be emphasized here that there is a clear strategic planning in Neapolis University, so that any Departmental expansion is followed by an increase in the necessary rooms, laboratories, equipment and of course the administrative and academic staff.</p>	<p>Choose level of compliance:</p>



ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ  
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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## C. Appendices

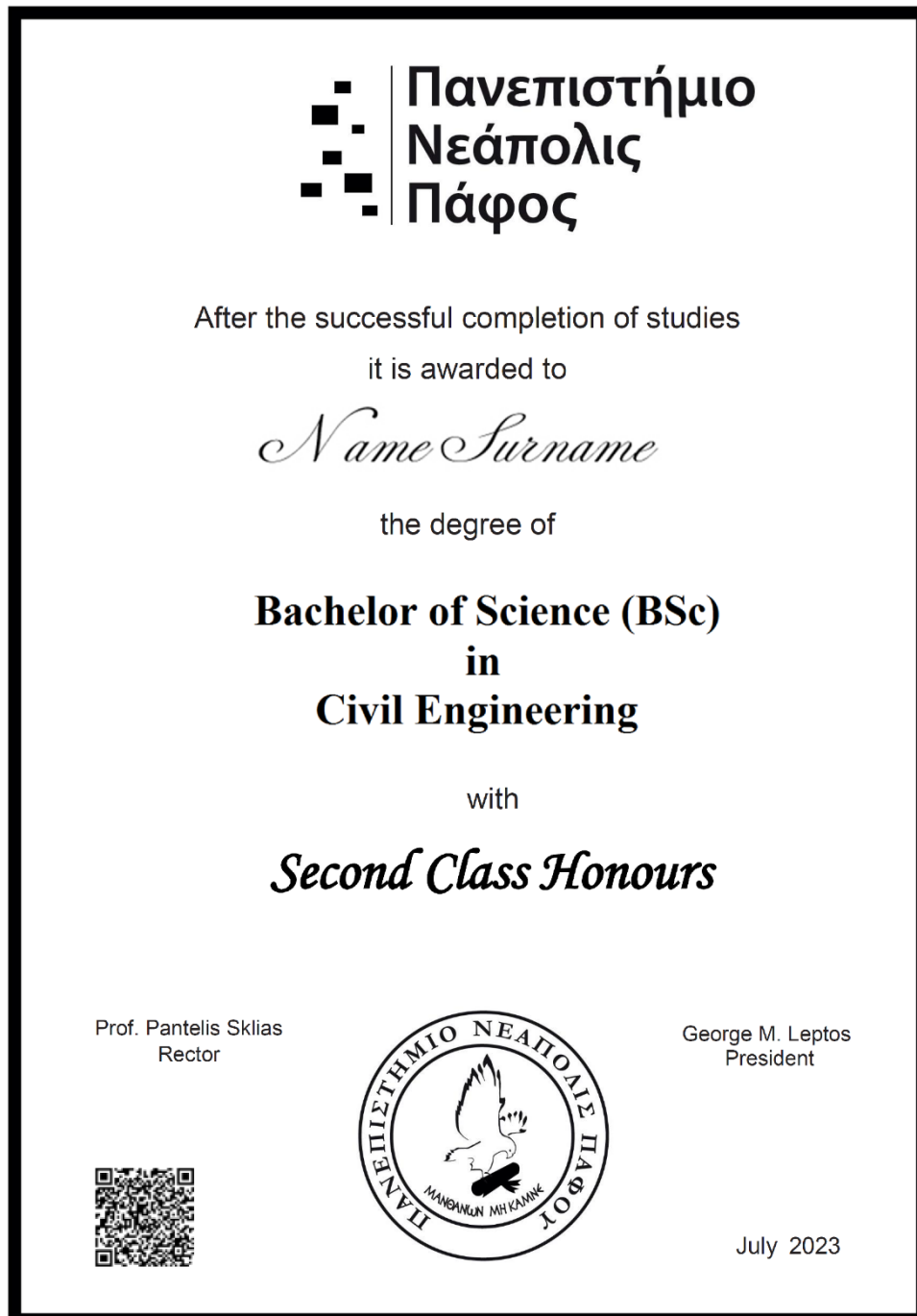


Figure 1: Sample of the qualification to be awarded.

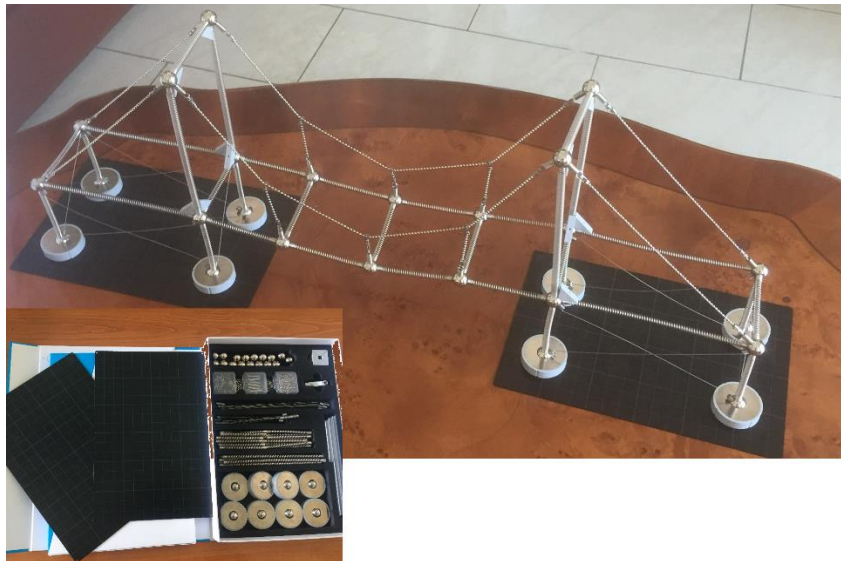


Figure 2: MOLA Structural Kit.

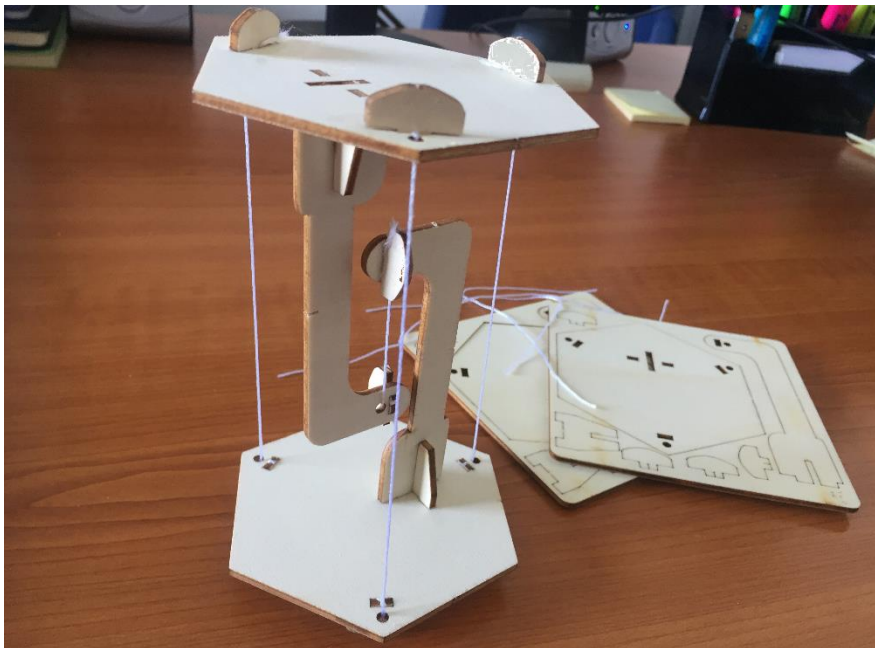


Figure 3: Tensegrity Model.



Figure 4: Architectural Workshop – 3D Printer, Laser Cutter.



Figure 5: Two new classrooms under construction (total area: 220 m<sup>2</sup> – total capacity: 140 people).



Figure 6: Exclusively used Classrooms in Engineering Labs and CADLab.



Figure 7: The Engineering Laboratories and the New Informatics Laboratory (iLab).

Time / Date	Monday	Tuesday	Wednesday	Thursday	Friday
8:45-11:45	Free Elective GENE 200		Statistics I STAT103-GR D. Tserkezos Amphitheater	Engineering Materials CE240 N. Anastasi Engineering Labs	
12:00-15:00				Engineering Geology CE230 S.Papamichael Engineering Labs	
15:15-18:00		Structural Analysis II CE220 S.Papamichael Engineering Labs	Tutorial* Structural Analysis II (CE220) A.Ioannou CAD Lab	Tutorial* Statistics I (STAT 103) A.Kattimeri Engineering Labs	

**GENE200, Free Elective (6 ECTS)**

ARCHSV208, Computational Design, P. Stylianidis  
 ECON102, Principles of Macroeconomics  
 BUSN104, Principles of Marketing  
 BUSN209, Operations Management  
 BUSN301, Human Resources Management  
 CONS201, Building Pathology, A.Ioannou

Free Elective  
GENE 200

Time/Date	Monday	Tuesday	Wednesday	Thursday	Friday
8:45-11:45	Free Elective* GENE400				
15:15-18:00					Environmental Engineering CE410 I. Kapellakis Engineering Lab
18:15-21:00	Reinforced Concrete Design II CE420 A. Ioannou Engineering Lab	Structural Analysis III CE430 S. Papamichael CAD Lab		Tutorial** Steel Design II (CE440) Struct. Analysis III (CE430) S. Papamichael CAD Lab	Steel Design II CE440 P.Stylianidis Computer Lab

**GENE400, Free Elective (6 ECTS)**

REAL100 Principles of Real Estate, T. Dimopoulos  
 ECON101 Principles of Microeconomics, C. Volos  
 ECON158 Political Economy, G. Deimertzoglou  
 BUSN100 Introduction to Business, C. Papademetriou  
 BUSN201 Organisational Behaviour, T. Lazaridis  
 PSYC100 Introduction to Psychology, L. Efthymoulou

Free Elective\*  
GENE400

Figure 8: Weekly Timetable (Economics and Management Courses proposed as Free Electives).



Table 1: Formative Feedback Table (Assignment Feedback)

FULL NAME	GRADE	CE370 – EARTHQUAKE ENGINEERING ASSIGNMENT 2
<b>SPECIALIZED PART (80)</b>	<b>80</b>	<b>REMARKS/ COMMENTS</b>
1. Calculate masses and stiffness of elements, find position of the mass center and the elastic rotation center, and form mass and stiffness matrices (15)	15	
2. Set the characteristic values problem, calculate natural frequencies and eigenperiods (10)	10	
3. Calculate modeshapes, normalization, sketching, remarks (10)	10	
4. Calculate modal participation factors per seismic direction (5)	5	
5. Calculate values and percentages of modal active masses and total active mass per seismic, remarks (5)	5	
6. Calculate spectral design accelerations for each mode (5)	5	
7. Calculate maximum modal seismic forces per seismic direction (10)	10	
8. SRSS modal superposition of seismic forces per seismic direction, comments on appropriateness of the method (5)	5	
9. Calculate displacements and rotation of the diaphragm and displacements of the columns per seismic direction, sketches, remarks (10)	10	
10. Calculate seismic shear forces and bending moments of the columns per seismic direction, graphs, remarks (5)	5	
<b>GENERAL PART (20)</b>	<b>20</b>	<b>REMARKS/ COMMENTS</b>
1. Completeness, correctness of calculations/units/terminology (10)	10	
2. Completeness, correctness of remarks/conclusions (10)	10	
<b>LATE SUBMISSION (2% PER DAY)</b>	-	

Invoice 1: Invoice for Concrete Technology and Geomechanics Laboratory Equipment Order.

M&S BRIGHT INDUSTRY LTD  
ANGEL'S MANSION 206  
KITI - CYPRUS  
TEL: +357 96 011554  
Email: sales@bright-industry.com  
www.bright-industry.com



M&S Bright Industry

MESSRS: Neapolis University Pafos  
Cyprus

Date: 26.06.2023  
Tel: 35726843300

PROFORMA INVOICE N# 062/B/06/2023/ MATEST-ITALY/R2

ITEM	REF.	Description	UP/EURO	QTY	UP/ EURO
E.1	C130N	COMPRESSOMETER FOR CYLINDERS DIA. 150, 160 MM	827.00	1	827.00
	C133	COMPRESSOMETER-EXTENSOMETER FOR C130N	748.00	1	748.00
E.2	C131N1	COMPRESSOMETER FOR CYLINDERS DIA. 100, 112,8 MM	502.00	1	502.00
	C133-01	COMPRESSOMETER-EXTENSOMETER FOR C131N1	445.00	1	445.00
E.3	S336-11	TRANSDUCER TYPE "A" TRAVEL: 10 MM	319.00	2	638.00
	S337-51	DISPLACEMENT TRANSDUCER CALIBRATION	108.00	2	216.00
r	S334N	CYBER-PLUS 8 CHANNELS EXPANDABLE TO 16	1688.00	1	1688.00
F.1	C161	DRUM TYPE MIXER 130 LITRES, 230V 50-60HZ	650.00	1	650.00
F.2	C182-KIT	SLUMP CONE, GALVANIZED, COMPLETE SET	155.00	1	155.00
F.4	C304	CURING TANK, STEEL, 1000 LITRE	1472.00	1	1472.00
F.4.1	C304-01	THERMOSTAT, ANALOGIC HEATING FOR C304, C302-10	321.00	1	321.00
F.4.2	C306-02	SUMMERSIBLE PUMP FOR WATER CIRCULATION	89.00	1	89.00
F.5	C223	CUBE MOULD 150MM PLASTIC, MATEST	27.00	3	81.00
F.5.1	C234-03	STOPPER FOR C223, C224, C228, C229, C230N (10 PCS)	3.00	1	3.00
F.6	C228-01	CYLINDER MOULD, PLASTIC, DIA. 100X200MM	59.00	3	177.00
	C228	CYLINDER MOULD, PLASTIC, DIA. 150X300 MM	70.00	3	210.00
F.7	C237	PLASTIC BEAM MOULD 100X100X500 MM	84.00	3	252.00
F.7.1	C235-01	STOPPER FOR C235, C237, C238, C232 (10 PCS)	5.00	1	5.00
	A005-01-KIT	OVEN 100 LITRES, FORCED VENTILATION	1950.00	1	1950.00
	V182-13	PAN 420X305X60MM STAINLESS STEEL	41.00	1	41.00
	V184	SCOOP, ROUND, ALUMINIUM 500 ML	12.00	1	12.00
	A059-02-KIT	SIEVE SHAKER, ELECTROMAGNETIC DIA 315 MM	1626.00	1	1626.00
	V179-02	SIEVE BRUSH BRASS/NYLON	26.00	1	26.00



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ANGEL'S MANSION 206  
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M&S Bright Industry

A052-07	SIEVE DIA. 200 MM OPENING 0,075 MM	85.00	1	85.00
A052-24	SIEVE DIA. 200 MM OPENING 0,425 MM	85.00	1	85.00
A052-37	SIEVE DIA. 200 MM OPENING 2,000 MM	85.00	1	85.00
A052-44	SIEVE DIA. 200 MM OPENING 4,750 MM	85.00	1	85.00
A052-58	SIEVE DIA. 200 MM OPENING 19,0 MM	85.00	1	85.00
A052-72	SIEVE DIA. 200 MM OPENING 75,0 MM	85.00	1	85.00
V075-22	DIGITAL PLATFORM SCALE 300 KG X 10 G	783.00	1	783.00
V071-11	DIGITAL BALANCE 4200G X 0,01 G	992.00	1	992.00
C106	FLEXURAL DEVICE ON CONCRETE BEAMS	986.00	1	986.00
C101-01	SPLITTING TENSILE DEVICE DIA. 100 TO 160 MM	473.00	1	473.00
S155-01	HYDROMETER JAR, 1000 ML CAPACITY	73.00	1	73.00
V172	HYDROMETER 0,995 TO 1,038 G/ML - 151H	27.00	1	27.00
V172-02	HYDROMETER -5 +60 G/LITRE - 152H	32.00	1	32.00

TOTAL EXCLUDING VAT	€	16,010.00
Discount ( 5%)	€	800.50
TOTAL BEFORE VAT	€	15,209.50

**N.B: VAT WILL BE ADDED AT TIME OF ORDER CONFIRMATION AND INVOICING**

VALIDITY: ONE MONTH

DELIVERY : 3 TO 4 MONTHS ( to be confirmed at time of order)

Due to the global COVID-19 pandemic, please note that the delivery date stated on our offer may alter and is only an indication .

We appreciate your patience at the current time.

PAYMENT: 50% ADVANCE PAYMENT AND BALANCE WITH HE RECEIPT OF GOODS

MANY THANKS

ROGER LAHAM

OPERATION MANAGER





Invoice 2: Invoice for Fluid Mechanics Laboratory Equipment Order.

M&S BRIGHT INDUSTRY LTD  
ANGEL'S MANSION 206  
KITI - CYPRUS  
TEL: +357 96 011554  
Email: sales@bright-industry.com  
www.bright-industry.com



M&S Bright Industry

REVISED OFFER

MESSRS: Neapolis University Pafos  
Cyprus

Date: 20.07.2023  
Tel: 35726843300

PROFORMA INVOICE N# 063/B/07/2023/LUTRON/  
CAMLAB/ ARMFIELD/R1

ITEM	REF.	Description	UP/EURO	QTY	UP/ EURO
		<u>Items 1 to 5 are from LUTRON, TAIWAN</u>			
1	BPH-241SD	pH/ORP Meter	207.00	1	207.00
2	PH-04	PH4 Solution	9.00	1	9.00
3	PH-07	PH7 Solution	9.00	1	9.00
4	PDO-520	Dissolved Oxygen Meter	171.00	1	171.00
5	YK-22CTA	Conductivity/TDS/SALT Meter	156.00	1	156.00
		<u>Items 6 is from CAMLAB, UK</u>			
6	EP/3123000918	Eppendorf Research plus 3-pack, single-channel, variable, incl. ep.T.I.PS. Box or sample bag	1073.00	1	1073.00
		<u>Items 8 and 9 are from ARMFIELD, UK</u>			
7	F1-15	Digital Hydraulics Bench with Flow Meter	3893.00	1	3893.00
8	F1-10-2-A	Bernoulli's Theorem Demonstration	1367.00	1	1367.00
		Training			FOC
		TOTAL IN EURO			6885.00
		LESS SPECIAL DISCOUNT 2%			137.70
		TOTAL IN EURO (AFTER DISCOUNT)			6747.30

N.B: VAT WILL BE ADDED AT TIME OF ORDER CONFIRMATION AND INVOICING

VALIDITY: ONE MONTH

DELIVERY : 3 TO 4 MONTHS ( to be confirmed at time of order)

Due to the global COVID-19 pandemic, please note that the delivery date stated on our offer may alter and is only an indication .

We appreciate your patience at the current time.

PAYMENT: 50% ADVANCE PAYMENT AND BALANCE WITH HE RECEIPT OF GOODS

MANY THANKS  
ROGER LAHAM

OPERATION MANAGER




Invoice 3: Invoice for Testing Concrete Bending Strength in an External Laboratory.

**ΔΗΝΕΜΑ ΕΡΓΑΣΤΗΡΙΑ ΛΤΔ**  
ΕΡΓΑΣΤΗΡΙΟ ΕΛΕΓΧΟΥ ΔΟΜΙΚΩΝ ΥΛΙΚΩΝ  
ΗΛΕΙΑΣ 47, 3115 ΛΕΜΕΣΟΣ 6878  
ΤΗΛ: 25 575704 - ΚΙΝ: 99 458522 - ΦΑΞ: 25 770251 - email: denema@cytanet.com.cy

Α.Φ.Τ. / Τ.Ι.Σ. 12103299 0  
Φ.Π.Α. / V.A.T. 19103299 E

**ΤΙΜΟΛΟΓΙΟΝ / INVOICE**  
Ο κ. ΠΑΝΕΠΙΣΤΗΜΙΟ ΝΕΑΠΟΛΗΣ  
Ημερομηνία: 20-7-2023

Ποσότητα Quantity	Περιγραφή / Description	@	€	ΣΕΥΤ
14	Είς σχος Ανωκιν 6S Καταγ δοκιμω ενφο- δηατος	150	210	ω
2				
ΟΛΙΚΟ / TOTAL			210	00
Φ.Π.Α. / V.A.T. 19-%			39	90
ΣΥΝΟΛΟ / GRAND TOTAL €			249	90

Πωλητής / Seller: 

Παραλήπτης / Receiver: \_\_\_\_\_

Invoice 4: Invoice for Equipment Calibration by a Qualified Laboratory.



### GlobeTech Laboratories Ltd

Postal Add: PO Box 27415, 1645 Nicosia, Cyprus  
Head Office: Akritas Tower - 604, Digeni Akrita 52,  
1061 Nicosia, Cyprus  
Laboratory: Kleomenous 2, 1061 Nicosia, Cyprus

Tel No: +357 22 458260  
Fax No: +357 22 374535  
E-mail: laboratories@globetech-group.com  
VAT No: 10124856M

Calibration      Metrology      Testing      Inspection      Consultancy

### INVOICE

Invoice To:

University of Neapolis  
Danae Avenue 12,  
Pafos

Invoice No.: 00048024  
Date: 31/03/2023  
Page: 1

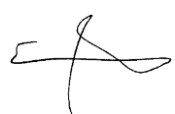
Description	Amount
Calibration of equipment	200.00€

Yours faithfully,  
GlobeTech Laboratories Ltd



Sub Total: 200.00€  
VAT: 38.00€  
Total Amount: 238.00€

#### D. Higher Education Institution academic representatives

<i>Name</i>	<i>Position</i>	<i>Signature</i>
<b>Prof. Pantelis Sklias</b>	Rector	
<b>Solon Xenopoulos, Professor</b>	Dean of School of Architecture, Engineering, Land and Environmental Sciences	
<b>John Bellos, Associate Professor</b>	Head of the Department of Civil Engineering, Director of the BSc in Civil Engineering Programme	
Click to enter Name	Click to enter Position	

**Date:** 09.10.2023

