University Management Information System

Peer Review Report

GUMUSHANE UNIVERSITY

COMPUTER TECHNOLOGY

AND

PROGRAMMING PR.

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0. INTRODUCTION

0.1. ABOUT THE PROGRAM

The information provided about the program is sufficient.

1. STUDENTS

2. Students accepted to the program must have the infrastructure to acquire the outcomes (knowledge, skills and behaviors) that the program aims to provide within the stipulated time. The indicators taken into account in the admission of students should be monitored and their development over the years should be evaluated.

Since the measurement and evaluation standards were accepted, the answer given was deemed sufficient.

2.1. Policies for accepting students through horizontal and vertical transfer, double major, minor and student exchange practices, and evaluation of courses taken and credits earned in other institutions and/or programs must be defined and implemented in detail.

The necessary information for student admission through horizontal and vertical transfer, double major, minor and student exchange applications, and evaluation of courses taken and credits earned in other institutions or programs has been adequately explained.

2.2. Measures should be taken by the institution and/or program to encourage and ensure student mobility through agreements and partnerships with other institutions.

Student mobility can be encouraged through agreements with other institutions. Students may be encouraged to participate in centrally coordinated programs such as Erasmus and Farabi.

2.3. Consultancy services should be provided to guide students on course and career planning issues.

The explanation provided is sufficient.

2.4. Students' success in all courses and other activities within the scope of the program should be measured and evaluated with transparent, fair and consistent methods.

Information regarding the measurement and evaluation of students' course achievements is sufficient.

2.5. In order to decide on students' graduation, reliable methods must be developed and implemented to determine whether all the requirements of the program have been met.

Compliance with standards regarding measurement and evaluation is achieved and as seen in the student information system, it is sufficient.

3. EDUCATIONAL AIMS OF THE PROGRAM

3.1. Program educational objectives must be defined for each program to be evaluated.

The educational objectives of the program are adequately explained.

3.2. These purposes; It must meet the definition of career goals and professional expectations that graduates of the program are expected to achieve in the near future.

The educational objectives of the program are deemed to be in line with the career goals and professional expectations of the graduates.

3.3. It must be compatible with the self-duties of the institution, faculty and department.

Its compliance with the department's core duties can be seen in the link provided.

3.4. It should be determined by involving various internal and external stakeholders of the program.

The information given is sufficient. However, the application can be matured and developed by expanding its stakeholders.

3.5. It must be published in a way that is easily accessible.

The system is clear, understandable and accessible to users.

3.6. It should be updated at appropriate intervals in line with the needs of the program's internal and external stakeholders.

Opinions of the public and private sector are taken into consideration regarding updates. In this regard, the information provided is sufficient.

4. OUTCOMES OF THE PROGRAM

4.1. Program outputs should cover all the necessary knowledge, skills and behavioral components to achieve the program educational objectives and should be defined to include the relevant Evaluation Outputs (such as MÜDEK, FEDEK, SABAK, EPDAD, etc.). Programs may define additional program outcomes specific to them, provided that they are consistent with program educational objectives.

The information provided that the program outcomes include the necessary knowledge, skills and behavior components to achieve the goals of the program is sufficient.

4.2. A measurement and evaluation process used to periodically determine and document the level of achievement of program outcomes must be established and operated.

The explanation regarding the evaluation of the program's outputs is sufficient.

4.3. Programs must prove that their students who have reached the graduation stage achieve the program outcomes.

In this way, it can be evaluated whether students who are about to graduate have achieved the output of the program through their internships.

5. CONTINUOUS IMPROVEMENT

5.1. Evidence must be provided that the results obtained from the established measurement and evaluation systems are used for continuous improvement of the program. The explanation provided is sufficient.

5.2.   These improvement efforts should be based on systematically collected, concrete data regarding all areas of the program that are open to improvement, especially the areas related to Criterion 2 and Criterion 3.

More detailed evidence on the subject can be presented.

6.   EDUCATIONAL PLAN

6.1.   Each program must have an educational plan (curriculum) that supports program educational objectives and program outcomes. The training plan should include common components and discipline-specific components given in this criterion.

A link showing the training plan/curriculum that supports the program training objectives and outcomes can be provided as evidence.

6.2.   The educational methods to be used in the implementation of the education plan must ensure that students acquire the desired knowledge, skills and behaviors.

The explanation and evidence regarding the issue was deemed sufficient.

6.3.   There must be a training management system that will ensure the implementation of the training plan as envisaged and ensure its continuous development.

It is seen that the implementation of the training plan was shaped by taking the opinions of stakeholders into consideration.

6.4.   The Education Plan must include basic science education of at least one year or at least 32 credits or at least 60 ECTS credits.

The information provided is sufficient.

6.5.   It must include basic sciences (engineering, science, health, etc.) and vocational training appropriate to the relevant discipline for at least one and a half years or at least 48 credits or at least 90 ECTS credits.

The explanation provided is sufficient.

6.6.   It should be general training that complements the technical content of the training program and is in line with the program objectives.

The necessary answers can be found in the link provided.

6.7. Students should be prepared with a master implementation/design experience that will use the knowledge and skills they have acquired in previous courses, including relevant standards and realistic constraints and conditions.

The program can evaluate the knowledge and skills acquired by students through internship practice.

7. TEACHING STAFF

7.1. Teaching staff must be sufficient in number to cover all areas of the program, each at a sufficient level, to enable the faculty-student relationship, student counseling, service to the university, professional development, and relationships with industry, professional organizations, and employers.

There is sufficient academic staff.

7.2. Teaching staff must be adequately qualified and ensure that the program is effectively maintained, evaluated and developed.

It is stated in the description that the academic staff has sufficient knowledge and training, and the information is sufficient.

7.3. Criteria for faculty appointment and promotion must be determined and implemented to ensure and improve the things listed above.

An explanation regarding the appointments of academics is sufficient.

8. INFRASTRUCTURE

8.1. Classrooms, laboratories, and other equipment should help create a learning-oriented atmosphere that is adequate to achieve educational goals and program outcomes.

The infrastructure and equipment required for program training are sufficient.

8.2. Appropriate infrastructure must be in place that allows students to engage in extracurricular activities, meets their social and cultural needs, creates an

environment for professional activities, supports their professional development, and revitalizes student-faculty relations.

They carry out studies outside the training within the scope of the program. Evidence that they are conducting studies can be found at https://kelkitaydindoganmyo.gumushane.edu.tr/tr/.

8.3. Programs should provide students with opportunities to learn how to use modern engineering tools. Computer and informatics infrastructures must be at a sufficient level for the scientific and educational studies of students and faculty members, in line with supporting the educational objectives of the program.

Developments regarding the process are adequately explained in the description section.

8.4. Library facilities offered to students must be sufficient to achieve educational goals and program outcomes.

The information provided in the description section is sufficient.

8.5. Necessary security measures must be taken in the teaching environment and student laboratories. Infrastructure arrangements must be made for disabled people.

In line with the information given in the description section, the scope of application should be expanded and computer laboratories should be used more effectively.

9.   INSTITUTION SUPPORT AND FINANCIAL RESOURCES

9.1. The university's administrative support, constructive leadership, financial resources and the strategy followed in its distribution should be at a level that will ensure the quality of the program and its sustainability.

Explanations and applications regarding institutional support are sufficient for the program.

9.2. Resources must be sufficient to attract and retain qualified faculty and enable them to continue their professional development. For the program education, the

teaching staff are experts in their fields, the necessary programs are prepared for the students and everything is sufficient for the program education.

Evidence:
https://kelkitaydindoganmyo.gumushane.edu.tr/tr/sayfa/b%C3%B6l%C3%BCmler-1/computer technologies-b%C3%B6l%C3%BCm%C3%BC/?birim=computer-programming-program

9.3. Sufficient financial resources must be provided to procure, maintain and operate the infrastructure required for the program.

The infrastructure required for the program is sufficient

9.4. Support staff and institutional services must be provided to meet program requirements. Technical and administrative staff must be in number and quality to support the achievement of program outcomes.

The necessary hardware support and other supports are sufficient to develop the program and increase the quality of education.

10. ORGANIZATION AND DECISION MAKING PROCESSES

10.1. The organization of the higher education institution and all decision-making processes within and between the rectorate, faculty, department and other sub-units, if any, should be organized in a way that supports the realization of program outcomes and the achievement of educational goals.

Detailed evaluations can be made on the subject.

11. SPECIFIC CRITERIA OF THE PROGRAM

11.1. Program Specific Criteria must be provided.

Explanations regarding program-specific criteria are sufficient.

CONCLUSION

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The information provided in the description section about the achievements of the students who successfully completed the program and the improvements related to the program is descriptive and sufficient.

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