

Peer Review Report

COMPUTER TECHNOLOGY AND PROGRAMMING PR

Asst. Prof. Dr. Fahrettin Pala (President)

Lecturer Tuğba Betül ÖZAV (Member)

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0.1. INTRODUCTION

0.2. INFORMATION ABOUT THE PROGRAM

The information provided about the program is sufficient. It meets

1. STUDENS

- 1.1. Students admitted to the program must have the infrastructure to acquire the outputs (knowledge, skills and behaviors) that the program aims to gain 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.

- 1.2. The policies applied in the admission of students by horizontal and vertical transfer, double major, minor and student exchange practices, courses taken in other institutions and/or programs, and the evaluation of earned credits should be defined and implemented in detail.

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

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

The explanation given is sufficient.

- 1.4. Counseling services should be provided to guide students in course and career planning.

The explanation given is sufficient.

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

Information about the measurement and evaluation of students' course achievements is

- 1.6. In order to decide on the graduation of students, reliable methods must be developed and applied to determine that all the conditions required by the program are met.

Standards are complied with in terms of assessment and evaluation and are sufficient as seen in the student information system.

2. EDUCATIONAL AIMS OF THE PROGRAM

- 2.1. Program educational objectives should be defined for each program to be evaluated.

The educational objectives of the program are adequately explained.

- 2.2. These purposes are; It should meet the definition of the 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 considered to be in line with the career goals and professional expectations of the graduates.

- 2.3. It should be compatible with the core duties of the institution, faculty and department. Its compatibility with the core duties of the department can be seen in the link given.

- 2.4. It should be determined by involving the various internal and external stakeholders of the program in the process. The information provided is sufficient. However, the stakeholders of the application can be matured and developed by expanding.
- 2.5. It should be published in a way that is easily accessible. It is clear, understandable and accessible to system users.
- 2.6. It should be updated at appropriate intervals in line with the requirements of the internal and external stakeholders of the program.

The opinions of the public and private sectors are taken into account regarding the updates. In this regard, the information provided is sufficient.

3. OUTCOMES OF THE PROGRAM

Program outcomes should cover all of the knowledge, skills and behavioral components necessary to achieve the educational objectives of the program and should be defined in a way that includes 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 the program educational objectives.

It is sufficient to provide information that the program outcomes cover the components of knowledge, skills and behaviors necessary to achieve the objectives of the program.

- 3.1. A measurement and evaluation process used to periodically determine and document the level of delivery of program outcomes should be established and operated.

The explanation given about the evaluation of the outputs of the program is sufficient.

- 3.2. Programs must prove that their students who have reached the graduation stage have achieved the program outcomes.

In this way, it can be evaluated whether the students who have reached the graduation stage have achieved the output of the program with their internships.

4. CONTINUOUS IMPROVEMENT

- 4.1. Evidence should be presented that the results obtained from the established measurement and evaluation systems are used for the continuous improvement of the program.

The explanation given is sufficient.

- 4.2. These improvement studies should be based on systematically collected, concrete data on all areas of the program that are open to development, especially the areas related to Criterion 2 and Criterion 3.

More detailed evidence can be provided.

5. EDUCATION PLAN

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

Evidence demonstrating the training plan/curriculum that supports the program educational objectives and outcomes is sufficient.

- 5.2. The educational methods to be used in the implementation of the education plan should be able to guarantee that the desired knowledge, skills and behaviors are provided to the students.

The explanation and evidence on the subject were deemed sufficient.

- 5.3. There should 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 training plan is shaped by taking the opinions of the stakeholders in its implementation.

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

The information provided is sufficient.

- 5.5. A minimum of one and a half years or at least 48 credits or at least 90 ECTS credits (engineering, science, health... etc.) sciences and vocational training appropriate to the relevant discipline. Represents.

The explanation given is sufficient.

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

The necessary answers can be found in the link provided.

- 5.7. Students should be prepared with a master application/design experience that will include relevant standards and realistic constraints and conditions, in which they will use the knowledge and skills acquired in previous courses.

The program is able to evaluate the knowledge and skills acquired by the students through the internship application.

6. TEACHING STAFF

- 6.1. The teaching staff should be sufficient in number to cover all areas of the program, each of which should be adequate, to ensure the faculty-student relationship, student counseling, service to the university, professional development, and to maintain relations with industry, professional organizations and employers.

There is a sufficient level of academic staff.

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

It is given in the explanation section that the academic staff has sufficient knowledge and training, and the information is sufficient.

- 6.3. The criteria for appointing and promoting faculty members should be determined and implemented in order to provide and develop the above-listed.

The explanation regarding the appointments of academicians is sufficient.

7. INFRASTRUCTURE

- 7.1. Classrooms, laboratories, and other equipment should help to prepare an adequate and learning-oriented atmosphere to achieve educational goals and program outcomes.

Since we benefit from the computer laboratory of our peer department as a department, we support the explanations in the relevant self-evaluation report and we believe that the solution of the aforementioned problems by the center will be positive for both our school and the two peer departments.

- 7.2. Appropriate infrastructure should 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.

The explanation given is sufficient.

- 7.3. Programs should provide students with facilities to learn to use modern engineering tools. Computer and informatics infrastructures should be sufficient for the scientific and educational studies of students and faculty members in a way that supports the educational objectives of the program.

The developments related to the process are adequately explained in the explanation section.

- 7.4. The library facilities offered to the students should be at a sufficient level to achieve the educational objectives and program outcomes.

The information given in the description section is sufficient.

- 7.5. Necessary security measures should be taken in the teaching environment and student laboratories. Infrastructure arrangements should be made for the disabled.

The explanation given is sufficient.

8. INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

- 8.1. The administrative support, constructive leadership, financial resources and distribution strategy of the university should be at a level that ensures the quality of the program and its sustainability.

Explanations and applications related to institutional support are sufficient for the program.

- 8.2. Resources must be sufficient to attract, retain, and sustain a qualified teaching staff.

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

- 8.3. Sufficient funds should be provided to procure, maintain and operate the infrastructure required for the program.

The necessary infrastructure for the program is sufficient.

- 8.4. Support staff and organizational services must be provided to meet program requirements. Technical and administrative staff should be of the number and quality to support the achievements of the program.

Necessary hardware support and other support are sufficient for the development of the program and increasing the quality of education.

9. ORGANIZATION AND DECISION-MAKING PROCESSES

- 9.1. 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 the program outputs and the achievement of educational objectives.

Detailed evaluations can be made on the subject.

10. PROGRAM-SPECIFIC CRITERIA

10.1. Program-Specific Criteria must be met.

Explanations about program-specific criteria are sufficient.

CONCLUSION

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The information given in the explanation section about the achievements of the students who have successfully completed the program and the improvements related to the program is explanatory and sufficient.