

Peer-Assessment Report

GÜMÜŞHANE UNIVERSITY

ELECTRONICS TECHNOLOGY PR.

Assistant Professor Çağfer YANARATEŞ (Head of Department)

Assistant Professor Nazife Macit ŞAHİN (Member)

01/06/2024-01/07/2025

0. INTRODUCTION

0.1. INFORMATION ABOUT THE PROGRAM

The program information has been defined in an explanatory manner.

It meets the necessary criteria.

1. STUDENTS

1.1. The students admitted to the program should have the background to acquire the program's intended outcomes (knowledge, skills, and behaviours) within the specified period. The indicators considered during student admission should be monitored, and their development over the years should be evaluated. The process for students admitted to the program to successfully graduate within two years has been explained.

It meets the necessary criteria.

1.2. Policies for student admission through lateral and vertical transfers, double major, minor, and student exchange programs, as well as the evaluation of courses taken and credits earned in other institutions and/or programs, have been clearly defined and are being implemented in detail.

It meets the necessary criteria.

1.3. The institution and/or program should take measures to encourage and facilitate student mobility through agreements and partnerships with other institutions. An arrangement or partnership with other institutions or programs can be established in order to facilitate this process.

It meets the necessary criteria.

1.4. Students should be provided with counselling services to guide them in matters related to course and career planning. Counselling services for students have been provided by academic staff.

It meets the necessary criteria.

1.5. Assessment of students' performance in all program courses and other activities should be conducted using transparent, fair, and consistent methods. It has been stated that assessment and evaluation are carried out transparently, fairly, and consistently.

It meets the necessary criteria.

1.6. Reliable methods have been developed and implemented to determine students' eligibility for graduation by verifying that all program requirements have been met. The graduation process has been clearly defined.

It meets the necessary criteria.

2. PROGRAM EDUCATIONAL OBJECTIVES

2.1. Program education objectives have been defined for each program to be evaluated. The program education objectives have been defined.

It meets the necessary criteria.

2.2. These objectives should align with the career goals and professional expectations that the program's graduates are expected to achieve in the near future. The program objectives have been determined with a focus on the career goals of the graduates.

It meets the necessary criteria.

2.3. It should be in line with the specific missions of the institution, faculty, and department. It is in line with the specific missions of the institution, faculty, and department.

It meets the necessary criteria.

2.4. The program should be determined by involving various internal and external stakeholders. It has been indicated that planning involving internal and external stakeholders has been conducted.

It meets the necessary criteria.

2.5. It should be published in an easily accessible manner. A readily available web address for educational outcomes has been shared.

It meets the necessary criteria.

2.6. It should be updated at appropriate intervals based on the requirements of internal and external stakeholders. Planning has been made in this regard.

It meets the necessary criteria.

3. PROGRAM OUTCOMES

3.1. Program outcomes should encompass all the necessary knowledge, skills, and behavioural components required to achieve the program's educational objectives and should be defined in a way that includes relevant Evaluation Outcomes (such as Association for Evaluation and Accreditation of Engineering Programs (MÜDEK), Association for evaluation and accreditation of curricula of science, literature, science-literature, language and history-geography faculties (FEDEK), Health Sciences Education Programs Evaluation and Accreditation Association (SABAK), Association for Evaluation and Accreditation of Teacher Education Programs (EPDAD), etc.). Programs may define their own additional program outcomes as long as they are consistent with the program's educational objectives. Program-specific outcomes have been defined.

It meets the necessary criteria.

3.2. A measurement and evaluation process has been established and is being operated to periodically determine and document the level of achievement of program outcomes. The level of achievement of program outcomes is sufficient through exams and internships.

It meets the necessary criteria.

3.3. Programs must demonstrate that students who have reached the graduation stage have achieved the program outcomes. It is stated that the proof of achieving the program outcomes is done through internships.

It meets the necessary criteria.

4. CONTINUOUS IMPROVEMENT

4.1. Evidence should be provided to show that the results obtained from the established assessment and evaluation systems are used for the continuous improvement of the program. Work in this regard is ongoing.

It does not meet the necessary criteria.

4.2. Improvement efforts should be systematic and based on concrete data, addressing all areas of the program, especially those related to Criteria 2 and Criteria 3. It has been noted that improvement efforts have not been conducted yet due to the department being relatively new.

It is unavailable.

5. EDUCATION PLAN

5.1. Each program must have a curriculum that supports the program's educational objectives and learning outcomes. The curriculum should include the common components specified in this criterion as well as discipline-specific components. Eğitim planı paylaşılmıştır.

It meets the necessary criteria.

5.2. The teaching methods to be used in the implementation of the curriculum must ensure that the desired knowledge, skills, and behaviours are imparted to the students. It has been guaranteed that the courses provided will deliver what is desired.

It meets the necessary criteria.

5.3. There is an education management system in place that ensures the implementation of the education plan as envisaged and supports its continuous improvement.

It meets the necessary criteria.

5.4. The Education Plan must include at least one year or a minimum of 32 credits or at least 60 ECTS credits of basic science education. A sufficient amount of ECTS credits have been provided for basic science education, as indicated.

It meets the necessary criteria.

5.5. It should include at least one and a half years of basic (engineering, science, health, etc.) sciences and relevant professional education totalling a minimum of 48 credits or at least 90 ECTS credits. The ECTS credits provided for vocational education are sufficient.

It meets the necessary criteria.

5.6. The general education content complements the technical content of the educational program and is aligned with the program's objectives. Information regarding general education has been provided.

It meets the necessary criteria.

5.7. Students are prepared with a major practical/application/design experience that incorporates the use of knowledge and skills acquired in previous courses and encompasses relevant standards, as well as realistic constraints and conditions. It has been indicated that this objective is achieved through internships.

It meets the necessary criteria.

6. TEACHING STAFF

6.1. The teaching staff, each of which should be at a sufficient level, should be numerically adequate to maintain the faculty-student relationship, student counselling, university service, professional development, and relationships with industry, professional organizations, and employers, covering all areas of the program. The number of academic staff is continuously being increased.

It does not meet the necessary criteria.

6.2. The teaching staff should have the necessary qualifications and should ensure the effective continuation, evaluation, and improvement of the program. It is stated that staff improvement is planned.

It meets the necessary criteria.

6.3. The criteria for the appointment and promotion of faculty members should be determined and implemented to ensure the fulfilment and improvement of the aforementioned aspects. It is stated that criteria have been determined and are being implemented.

It meets the necessary criteria.

7. INFRASTRUCTURE

7.1. The classrooms, laboratories, and other equipment should be sufficient and contribute to creating a conducive learning environment for achieving educational objectives and program outcomes. The adequacy of the infrastructure has been clearly explained.

It meets the necessary criteria.

7.2. There should be a suitable infrastructure in place that allows students to engage in extracurricular activities, fulfils their social and cultural needs, supports professional activities, enhances their professional development, and revitalizes student-faculty relationships. It has been stated that there is an appropriate infrastructure for extracurricular activities.

It meets the necessary criteria.

7.3. Programs should provide students with opportunities to learn how to use modern engineering tools. The computer and informatics infrastructure should be at a sufficient level to support the educational goals of the program and to meet the scientific and educational needs of both students and academic staff. It has been clearly stated that suitable facilities are provided for the students.

It meets the necessary criteria.

7.4. The library facilities provided to students should be at a sufficient level to help them achieve their educational goals and program outcomes. Library facilities have been provided and are sufficient.

It meets the necessary criteria.

7.5. Necessary safety measures should be taken in the educational environment and student laboratories. Infrastructure arrangements should be made for people with disabilities. It has been stated that the necessary arrangements have been made, and measures have been taken.

It meets the necessary criteria.

8. INSTITUTION SUPPORT AND FINANCIAL RESOURCES

8.1. The university's administrative support, effective leadership, financial resources, and the strategy followed in their allocation should be at a level that ensures the quality of the program and its sustainability. It has been stated that university support is sufficient.

It meets the necessary criteria.

8.2. Adequate resources have been provided for the teaching staff, ensuring that they can attract, retain, and sustain the professional development of a qualified faculty.

It meets the necessary criteria.

8.3. Adequate financial resources have been allocated to procure, maintain, and operate the infrastructure required for the program.

It meets the necessary criteria.

8.4. Support staff and institutional services required to meet the program's needs should be provided. The technical and administrative staff should be sufficient in number and qualifications to support the program outcomes. You have provided a link for the appropriate technical and administrative staff.

It meets the necessary criteria.

9. ORGANIZATION AND DECISION-MAKING PROCESSES

9.1. The organization of the higher education institution, including the rectorate, faculties, departments, and any other subunits, should have decision-making processes within themselves and among them that are structured to support the achievement of program outcomes and educational objectives. The decision-making process is being conducted appropriately.

It meets the necessary criteria.

10. PROGRAM SPECIFIC CRITERIA

10.1. Program-specific criteria should be established. It has been stated that the fulfilment of program-specific criteria is achieved through the Bologna Process.

It meets the necessary criteria.

CONCLUSION

The information provided in the self-assessment report is sufficient. The fact that the institution has been actively providing education for about 20 years can be a strong advantage for the development of this department. However, as a newly established program, it includes developing practices, which can be considered a weak point. The program is progressing successfully in implementing exemplary practices during the process of maturing the institution's and adequate academic personnel's efforts.