ECTS

Program Information Package

Program: Computer Technologies | Total ECTS: 120 | Date of Issue: 21.11.2026

Program Information

Program Name	Computer Technologies
Education Level	Pre Bachelor
Language of Instruction	Turkish
Program Duration	4 Semesters
Maximum Duration	8 Semesters
Head of Program	Dr. Öğr. Üyesi SÜLEYMAN CENGİZCİ
Internship	Not Required
Total ECTS	120

Admission and Registration Requirements

Student admission to Computer Technology programs is based on the results of the previous year's TYT score types, as determined by the university entrance exams held annually by the Higher Education Council (ÖSYM).

Graduation Requirements

In accordance with Article 40 of our University's Undergraduate and Associate Degree Education, Teaching, and Examination Regulations; students who have successfully completed all courses included in the curriculum of their registered program, have a minimum GPA of 2.00 out of 4.00, and have completed the minimum 120 ECTS credits required for the program are eligible to receive an associate degree from the relevant program.

Occupational Profiles of Graduates

Graduates of the Computer Technology Program can work in public institutions, private sector organizations, and various businesses operating in the field of information technology. Graduates have the opportunity to work in areas such as computer system installation and management, technical support, software development processes, and various fields where information technology is used.

About the Program

The program began in the fall semester of the 2018-2019 academic year. The first graduates were awarded at the end of the spring semester of the 2019-2020 academic year.

Exams, Assessment and Evaluation

Exams at our university consist of midterm exams, final exams, make-up exams, exemption exams, supplementary exams, and single-course exams. Exams are prepared by the Vocational School and administered according to the published academic calendar. Students must present their student ID cards to take exams. Our university does not have a make-up exam system; instead, there is a summer school program.A midterm exam is an exam administered to evaluate students enrolled in the Vocational School's associate degree program during the relevant semester. At least one midterm exam is held per semester for each course. In addition, assignments, projects, and similar work may be evaluated in lieu of a midterm exam at the discretion of the instructor. The final exam is an exam held at the end of the semester in which the course is taught, within the dates specified in the academic calendar. To be eligible to take the final exam, students must have attended at least 70% of the classes. The evaluation criteria for students to be considered successful in their courses are outlined below.

Program Educational Objectives

The objective of the Computer Programming Program is to train technical personnel who possess the fundamental software development skills required by the IT sector, have advanced algorithmic thinking abilities, can use current programming languages and technologies, and are competent in database, web, and application development. The program also aims to equip students with problem-solving skills, teamwork abilities, professional ethics, and a commitment to lifelong learning.

Recognition of Prior Learning

Students are admitted to our program through the following pathways: central placement conducted by ÖSYM, inter-institutional horizontal transfer from domestic and international higher education institutions based on achievement scores, inter-institutional horizontal transfer based on central placement scores, and intra-institutional horizontal transfer.Students accepted into the Computer Technologies Program may request credit transfer for courses they have successfully completed in their previous bachelor's or associate's degree programs. This request must be made at the beginning of the academic year by submitting a written application to the Vocational School. The student applying must attach the original official transcript of their previous education to their letter of request. Equivalency procedures are evaluated by the Vocational School Management Board and the appointed committees within the framework of the relevant legislation. Course contents and ECTS credits are taken into account in equivalency evaluations.

Transition to Higher Degree Programs

Students who graduate from the associate degree program in Computer Programming can enroll in related bachelor's degree programs through the Vertical Transfer Exam (DGS) administered by the Measurement, Selection, and Placement Center (ÖSYM) if they wish to continue their bachelor's degree education. Graduates can continue their education at a higher level by transferring to bachelor's degree programs in fields such as computer engineering, software engineering, information systems engineering, management information systems, and similar areas, depending on their academic performance and the quotas of their preferred universities.

Program Outcomes

PÇ-1 Having basic knowledge in professional practices, being able to analyze information, evaluate data and know current developments.

PÇ-2 To know in the field of occupational health and safety, environmental awareness and quality.

PÇ-3 To follow current developments in science and technology for the sake of the profession, to use them effectively, and to constantly renew oneself.

PÇ-4 Effectively using information technology tools and techniques related to the profession.

PÇ-5 To evaluate professional issues and problems from an analytical and critical perspective and develop original and applicable solution suggestions.

PÇ-6 Ability to communicate effectively using verbal, written, and visual methods, write reports, and make presentations.

PÇ-7 Ability to solve complex problems related to the profession through teamwork.

PÇ-8 Having sector knowledge, lifelong learning, and career planning awareness.

PÇ-9 To act by scientific, moral, and ethical responsibility principles in professional practices.

PÇ-10 To be able to use a foreign language, follow current information about the profession and have the ability to communicate with colleagues.

PÇ-11 Having knowledge, skills and competence in computer hardware.

PÇ-12 Having competent knowledge and skills about package programs commonly used on computers.

PÇ-13 To learn about operating systems and to be competent in them.

PÇ-14 Having knowledge, skills and abilities about computer networks.

PÇ-15 To be able to learn and apply programming languages.

PÇ-16 To use current and innovative information technologies and integrate them into the education and training process.

NQF Matrix

Subject Area Level 5 (Associate Degree)	No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Beceriler	1	x	–	x	x	x	x	–	–	–	–	x	x	x	x	x	x
	2	x	–	x	x	–	x	–	–	–	–	x	x	x	x	x	x
Bağımsız Çalışabilme ve Sorumluluk Alabilme Yetkinliği	1	x	–	–	–	–	–	–	–	–	–	–	–	x	x	x	x
	2	–	–	–	–	x	x	x	–	–	–	x	–	–	x	–	x
	3	–	–	–	–	–	x	x	x	–	–	–	–	x	–	–	–
Öğrenme Yetkinliği	1	x	–	–	–	x	–	–	x	–	–	x	x	x	x	x	x
	2	x	x	–	–	–	–	–	x	x	–	–	x	x	–	x	–
	3	x	–	–	–	–	–	–	x	–	–	–	x	x	–	x	x
	4	–	–	–	–	–	–	–	x	–	–	–	–	–	–	–	–
İletişim ve Sosyal Yetkinlik	1	–	–	–	–	–	x	x	–	–	–	–	–	–	–	–	–
	2	–	x	–	–	–	x	x	–	x	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	–	x	–	–	–	–	–	–
Alana Özgü Yetkinlik	1	x	–	–	–	x	–	–	–	x	x	x	x	x	x	x	x
	2	–	x	–	–	–	–	–	–	x	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	–	x	–	–	–	–	–	–	–

Course Plan

2026 Bilgisayar Programcılığı

Semester 1

Code	Course Name	L	P	Lab	Credit	ECTS	Language
MTM 1001	Mathematics	3	0	0	3	4	Turkish
BTP 1003	Introduction to Programming I	2	1	0	3	5	Turkish
BTP 1007	Introduction to Information Technologies	2	1	0	3	4	Turkish
BTP 1001	Fundamentals of Algorithms and Programming	2	0	0	2	3	Turkish
BTP 1011	Visual Programming	3	0	0	3	4	Turkish
BTP 1009	Computer Hardware	2	1	0	3	3	Turkish
BTP 1013	Generative AI Applications	2	1	0	3	3	Turkish
BTP 1005	Database Systems I	2	1	0	3	4	Turkish

Semester 2

Code	Course Name	L	P	Lab	Credit	ECTS	Language
BTP 1010	Computer Networks	1	2	0	2	4	Turkish
BTP 1008	Object-Oriented Programming	1	2	0	2	5	Turkish
BTP 1012	Web Design	1	2	0	2	4	Turkish
BTP 1002	Cybersecurity	2	0	0	3	4	Turkish
BTP 1006	Database Systems II	2	0	0	3	4	Turkish
BTP 1004	Introduction to Programming II	3	0	0	3	4	Turkish
BTP 1014	Operating Systems	1	2	0	2	5	Turkish

Semester 3

Code	Course Name	L	P	Lab	Credit	ECTS	Language
ATA 101	Atatürk's Principles and Revolutionary History I	2	0	0	2	2	Turkish
İNGO 101	English I	2	0	0	2	2	English
TR 101	Turkish Language I	2	0	0	2	2	Turkish

Code	Course Name	L	P	Lab	Credit	ECTS	Language
BTP 2XX1	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX3	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX5	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX7	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX9	Alan İçi Seçmeli Ders II	0	0	0	0	5	-
UNI 1000	University Elective Courses	0	0	0	0	3	-

Semester 4

Code	Course Name	L	P	Lab	Credit	ECTS	Language
TR 102	Turkish Language II	2	0	0	2	2	Turkish
ATA 102	Atatürk's Principles and Revolutionary History II	2	0	0	2	2	Turkish
İNGO 102	English II	2	0	0	2	2	English
BTP 2XX2	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX4	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX6	Alan İçi Seçmeli Ders I	0	0	0	0	4	-
BTP 2XX8	Alan İçi Seçmeli Ders II	0	0	0	0	5	-
BTP 2X10	Alan İçi Seçmeli Ders II	0	0	0	0	5	-
KPL 101	Career Planning	1	0	0	1	2	Turkish

Semester 5

Code	Course Name	L	P	Lab	Credit	ECTS	Language
No course information found for this semester.							

Semester 6

Code	Course Name	L	P	Lab	Credit	ECTS	Language
No course information found for this semester.							

Semester 7

Code	Course Name	L	P	Lab	Credit	ECTS	Language

No course information found for this semester.

Semester 8

Code	Course Name	L	P	Lab	Credit	ECTS	Language
No course information found for this semester.							

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