ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENTAL ORIENTATION PROGRAM

FEBRUARY 2026

ISTANBUL KÜLTÜR UNIVERSITY

Department Introduction
Contents

- Academic Staff
- Administrative Staff
- Other Supporting Faculty Members
- Laboratories
- Classrooms and Offices

Academic Staff

Assoc.Prof.Esra Saatçı
Head of Department

Assist.Prof.Dr. Berrak Öztürk Şimşek
Asssistant of Department Head

Prof.Dr.Mehmet Oruç Bilgiç

Prof.Dr. Metin Şengül

Prof. Dr. Atilla Özmen

Assist.Prof.Dr.
Ertuğrul Saatçı

Assist.Prof.Dr.
Aysam Akses

Lecturer
Basri Erdoğan

Res.Assist. Ahmet Can Tanık

Res.Assist. Dr. Umut Cem Oruçoğlu

Res.Assist.Mert Hayar

Res.Assist.Ahmet Aytuğ Ayrancı

Res.Assist.Seren Çelik

Administrative Staff

Lab Technician
Ümit Emen

Department Secretary
Büşra Mahmutoğlu

Faculty Members (from other departments)

Prof.Dr.Nihal Sarıer

Lecturer Özay Şeker

Lecturer Ebru Temiz

Lecturer İpek Arıkan Bakır

Lecturer Mustafa Taner Pektaş

Assist.Prof.Dr. Ayşegül Fulya Yelkenci

Prof. Dr. Gülce Öğrüç Ildız

Prof. Dr. Emel Yavuz

Prof. Dr. Songül Esin

Assist.Prof.Dr. Canan Akkoyunlu

Part-Time Faculty Member

Assoc.Prof.
Mustafa Baysal

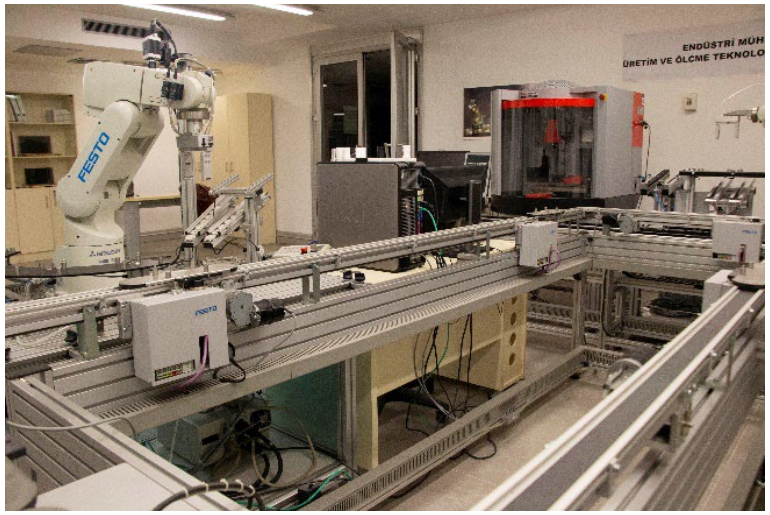
Electrical and Electronics Engineering Laboratory I

Electrical and Electronics Engineering Laboratory II

Electrical and Electronics Engineering Laboratory III

Partner Laboratories

Chemistry Laboratory



Production and Measurement Laboratory

Computer Laboratory

Classrooms and Offices

- Teaching will be in one of the lecture classrooms or auditoria lecture classrooms (lecture halls) in Ataköy Campus.

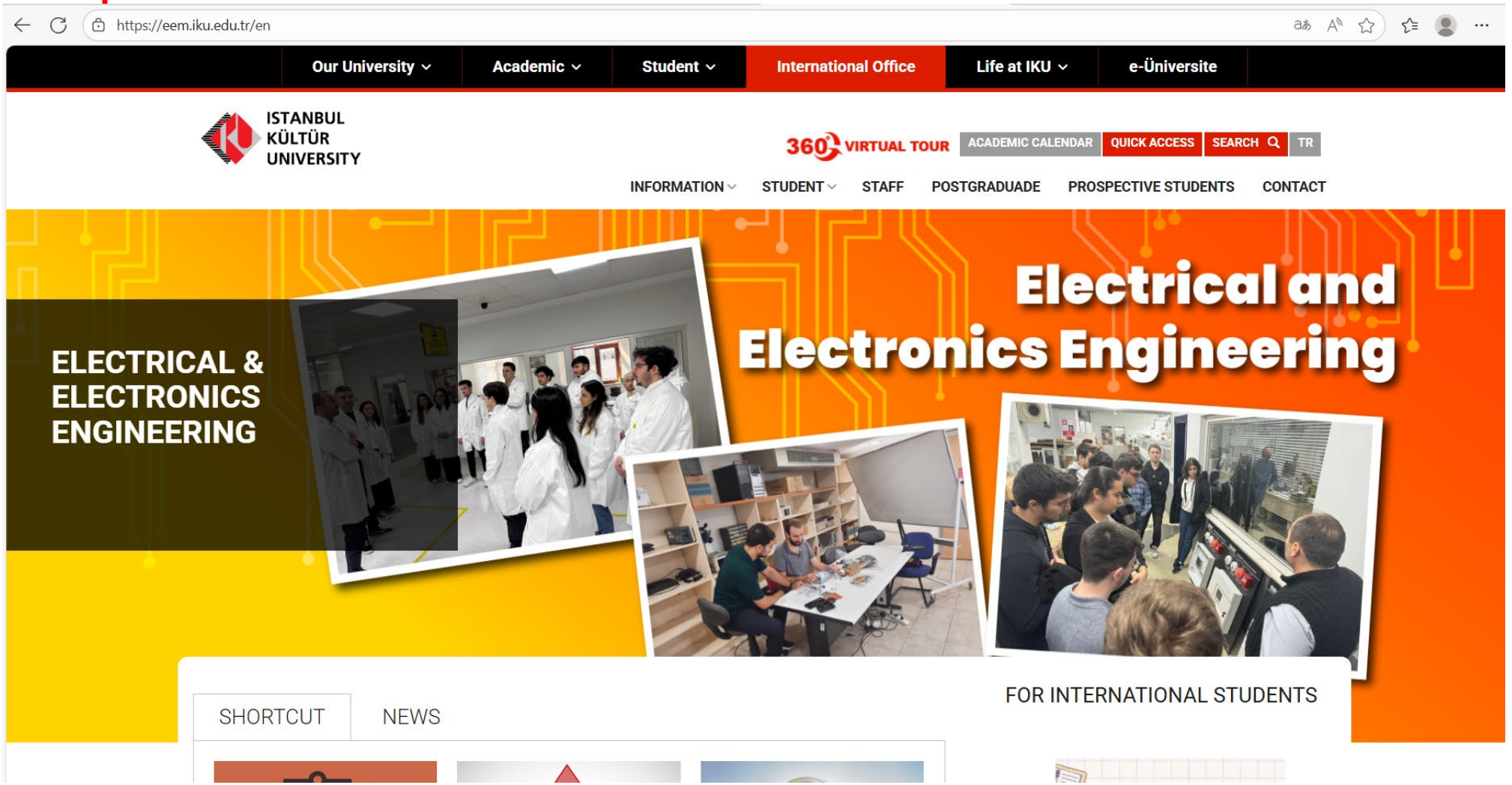
- Offices of academic staff are in the D corridor on the 2nd floor.

- Engineering Dean office and department secretary office are in the A corridor on the 2nd floor.

Education Contents

- Department website
- Educational Aim of the Department
- Program Outcomes
- Program Curriculum and Academic Package
- Academic Calendar
- Rules and Regulations
- Academic Advisors and Mentors

Department Website



Educational Aim(EA) of the Department

Graduates who have completed this program can immediately start their business life and continue their career as an engineer in companies that make production or information technology infrastructure and / or application. Alternatively, they can plan their careers by continuing their graduate studies.

https://eem.iku.edu.tr

Program Outcomes

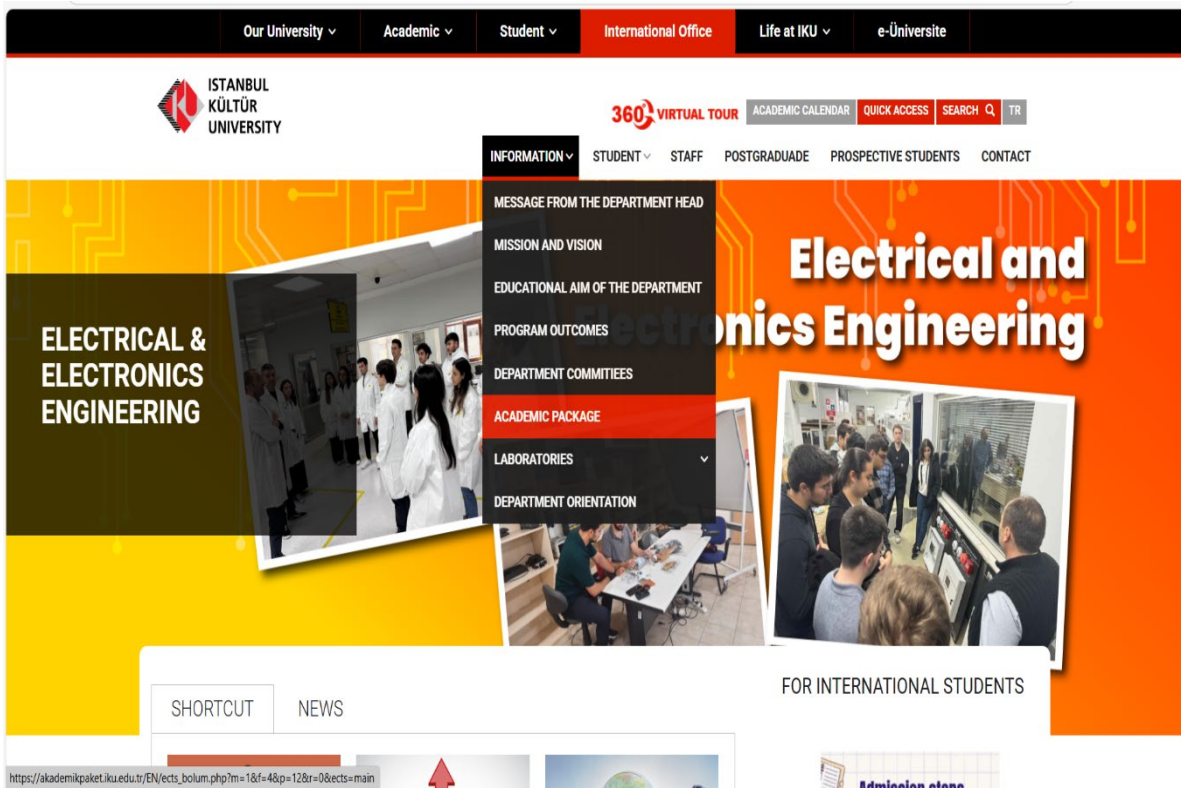
- Program outcomes can be viewed at the address below.

https://eem.iku.edu.tr/tr/genel-bilgiler/program-ciktilari

Program Curriculum and Academic Package

- It is checked the Academic Package on the website.

https://akademikpaket.iku.edu.tr/TR/ects_bolum.php?m=1&f=4&p=12&r=0&ects=main


Our University
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Student
International Office
Life at IKU
e-Üniversite
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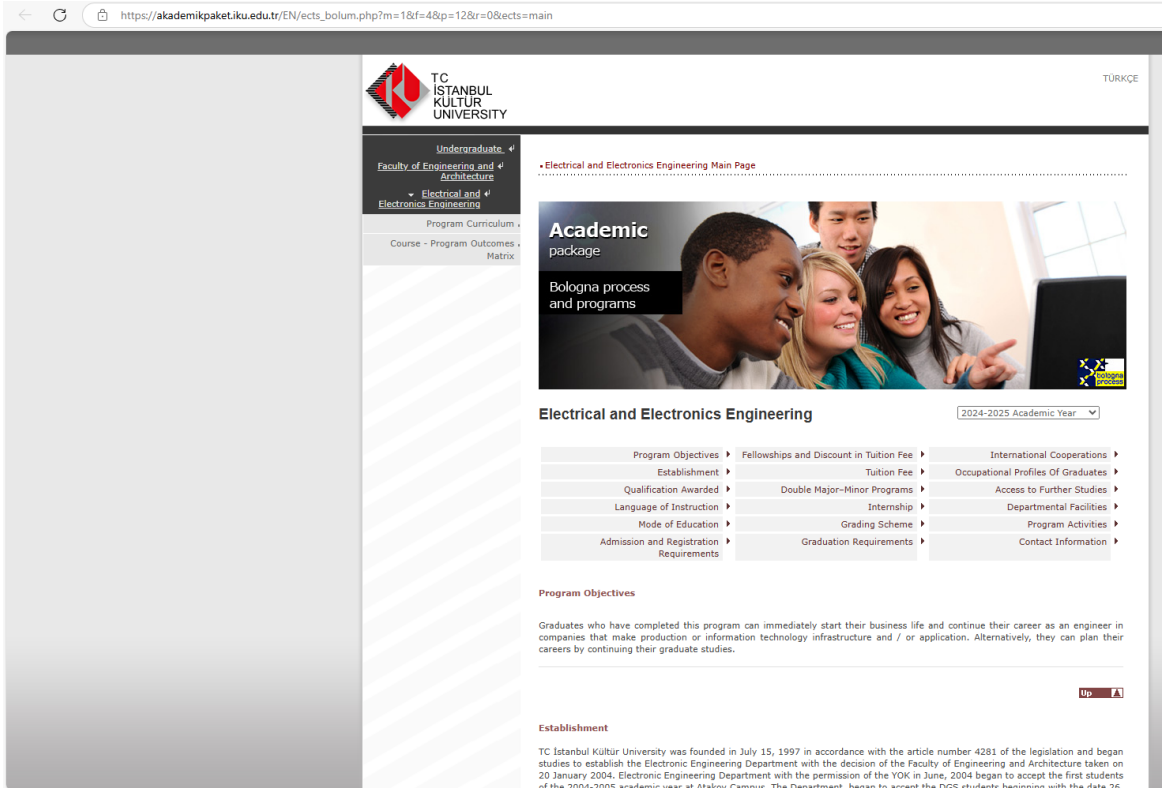
https://akademikpaket.iku.edu.tr/EN/ects_bolum.php?m=1&f=4&p=12&r=0&ects=main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TC ISTANBUL KÜLTÜR UNIVERSITY
TÜRKÇE
Undergraduate
Faculty of Engineering and Architecture
Electrical and Electronics Engineering
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Tuition Fee
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Program Objectives
Graduates who have completed this program can immediately start their business life and continue their career as an engineer in companies that make production or information technology infrastructure and / or application. Alternatively, they can plan their careers by continuing their graduate studies.
Up
Establishment
TC İstanbul Kültür University was founded in July 15, 1997 in accordance with the article number 4281 of the legislation and began studies to establish the Electronic Engineering Department with the decision of the Faculty of Engineering and Architecture taken on 20 January 2004. Electronic Engineering Department with the permission of the YOK in June, 2004 began to accept the first students

Program Curriculum

Course types offered in the department:

- Mandatory Courses (CC)
- Non-departmental Mandatory Course (NCC)
- Departmental Elective Courses (DE)
- Non-departmental Elective Courses (EL)

Program Curriculum

Compulsory Summer Intership

- The compulsory internship period is 40 working days.
- Compulsory internships must be done for 20+20 working days during the summer period at the end of the 4th and 6th semesters.
- https://muhf.iku.edu.tr/tr/zorunlu-staj

Program Curriculum

Graduation Project

- The graduation project is conducted in two stages.
  - In the 7th term, students engage in the design phase of the project.
  - In the 8th term, they proceed to implement systems, processes, or devices using hardware and/or software.
- You can access all information about student information and the graduation project by following the steps below.

cats.iku.edu.tr → EE ENG STUDENT → Resources → Graduation Projects Documents and Reports

Program Curriculum

Pre-requisite Courses

- During undergraduate studies, students in this department are required to take the theory course and the laboratory course concurrently or to take the theory course before the laboratory course.

Course (pre-requisite of Lab Course)	Pre- requisite course code and name	Minimum success grade
EE2202 ELECTRIC CIRCUITS LABORATORY	EE2221 INTRODUCTION TO ELECTRIC CIRCUITS	F
EE3203 LOGIC CIRCUITS LABORATORY	EE3222 LOGIC DESIGN	F
EE4202 ELECTRONIC CIRCUITS I LABORATORY	EE4201 ELECTRONIC CIRCUITS I	F
EE4402 TELECOMMUNICATION LABORATORY	EE4401 INTRODUCTION TO TELECOMMUNICATION	F
EE5202 ELECTRONIC CIRCUITS II LABORATORY	EE5221 ELECTRONIC CIRCUITS II (or EE5201 ELECTRONIC CIRCUITS II)	F
EE0851 DIGITAL CONTROL SYSTEMS	EE6030 INTRODUCTION TO CONTROL SYSTEMS (or EE0846 CONTROL SYSTEMS or EE0826 CONTROL SYSTEMS)	D-
EE0891 GRADUATION PROJECT FOR ELECTRICAL AND ELECTRONICS ENGINEERING	EE0890 PROJECT DESIGN FOR ELECTRICAL AND ELECTRONICS ENGINEERING	C
Conditions for taking the EE0890 PROJECT DESIGN FOR ELECTRICAL AND ELECTRONIC ENGINEERING course: Passing the course with at least 176 AKTS credits.		

Academic Calendar

- Academic calendar; It is a timing guide that all students enrolled in the department will use throughout an academic year, showing their procedures and application dates.
- https://www.iku.edu.tr/tr/akademik-takvim

Rules and Regulations

- These are documents that define the rights and responsibilities of students throughout their education at the university and include regulations, procedures and principles, principles and policies.
- https://www.iku.edu.tr/tr/mevzuat

Academic Advisors and Mentors

- Academic advisors are academic personnel that students apply for their academic and administrative affairs.
- Mentors are people from whom students receive advice and opinions for their career goals.
- Detailed information can be accessed from the CATS system by following the steps below.

cats.iku.edu.tr → EE ENG STUDENT → Overview

cats.iku.edu.tr → EE ENG STUDENT → Resources → Student Advisors and Mentors List

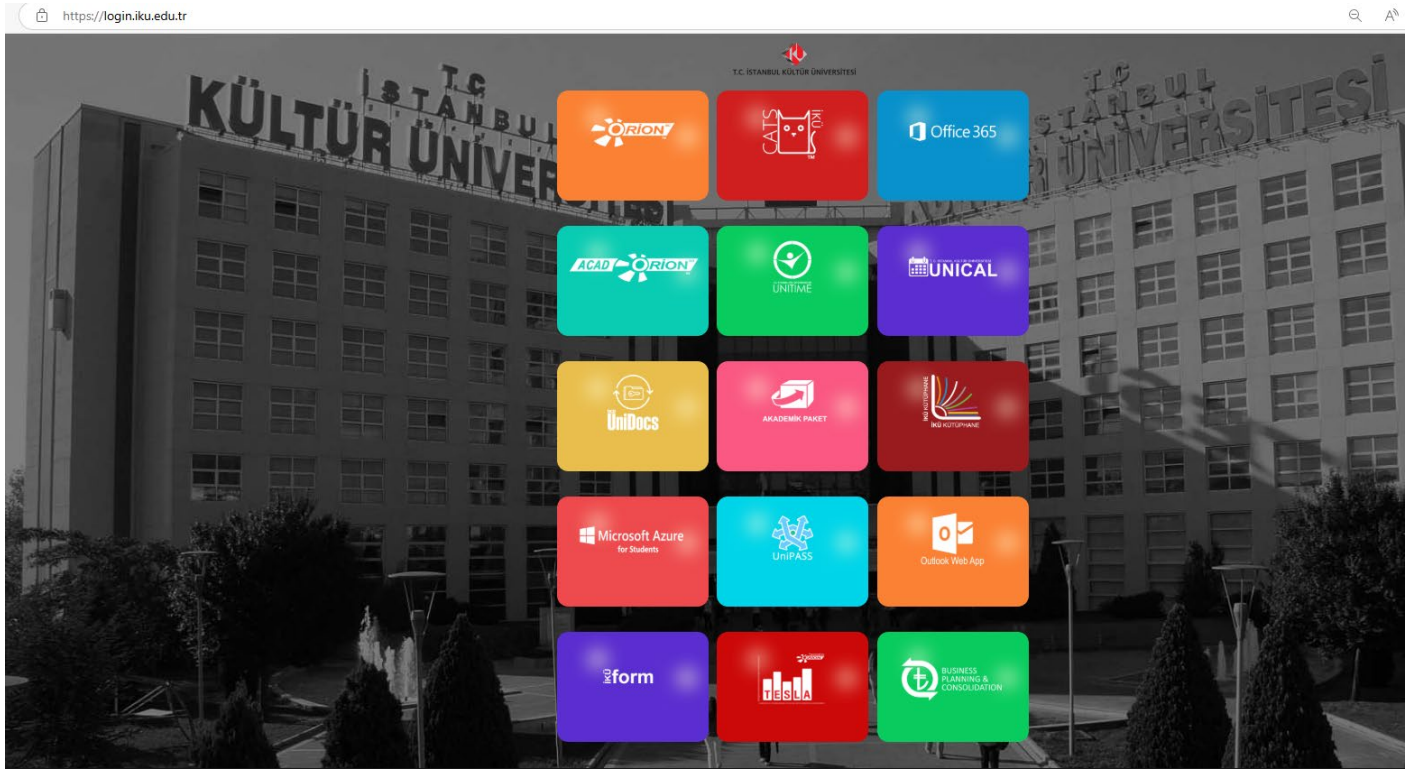
Software Packages and Processes
Contents

Students must use **their official university e-mail addresses** in all transactions that require communication throughout their university life.

- e-University
- ORION
- CATS
- PUMA

E-University

The access is provided by selecting the e-University option on the website https://login.iku.edu.tr/.



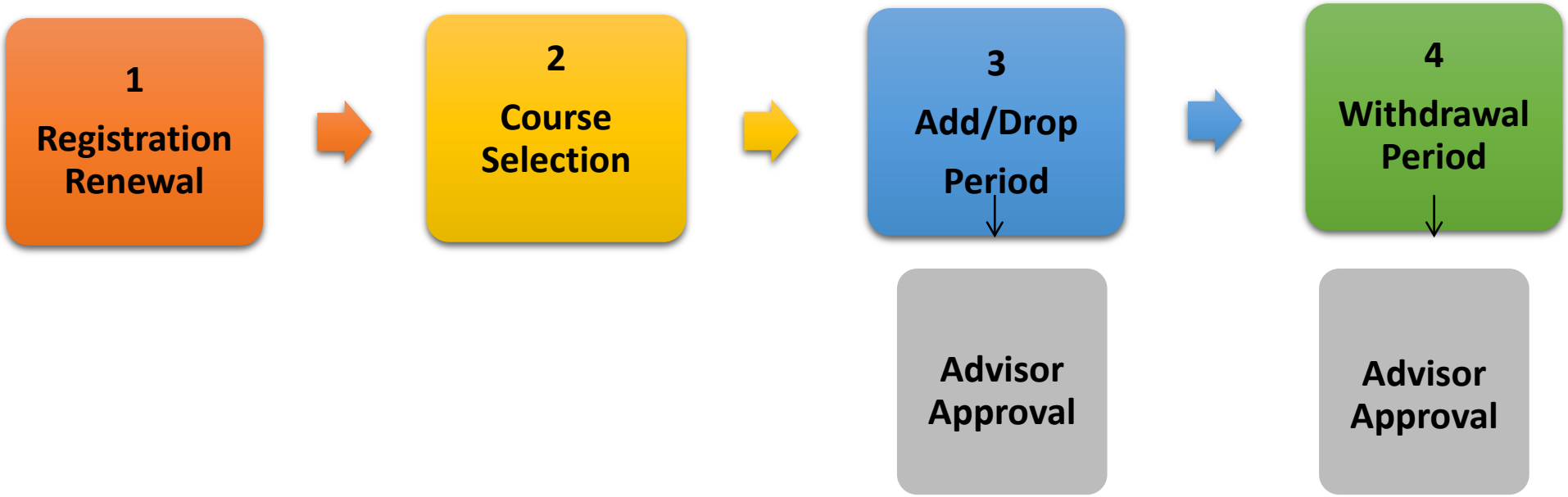
ORION

- It is the platform where information management is carried out regarding students' education activities, student accounting and exam-course success grades.
- https://orion.iku.edu.tr/
- For questions related to ORION, you can contact: orion.destek@iku.edu.tr

ORION Course Registration Process

ORION course procedures; It is done through the “Registration Renewal” and “Course Selection” application.

- Course procedures are carried out within the academic calendar; In cases outside the academic calendar, a petition must be submitted to the Student Affairs Department.
- Course procedures are carried out according to the principles in the Undergraduate Regulations.



ORION Course Registration Process

➢Re-Registration

- Registration renewal must be made every academic semester (including summer school).
- Course selection cannot be made without renewing registration.
- The registered semesters are counted as part of the education period.

➢Course Selection

- In course selection, courses must be selected according to semester order.
- Prerequisites should be taken into consideration when choosing a course.
- The number of courses taken equals the amount of ECTS for each semester.
- Additional credits for course selection are applied systematically as explained in the Undergraduate Regulations.

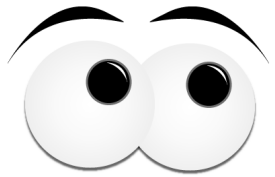
ORION Course Registration Process

➢Course Add/Drop

- During the course add or drop process, more than one course can be added and dropped.
- In order to drop a course, the approval of the advisor is required.
- Section change can be made in this application.

➢Course Withdrawal

- Withdrawal is made from a maximum of 1 course per semester.
- Advisor approval is required for course withdrawal.



- In the first year, students must take the normal course load for the first two semesters.
- In the first year, compulsory courses are not dropped and any desired courses are not withdrawn.

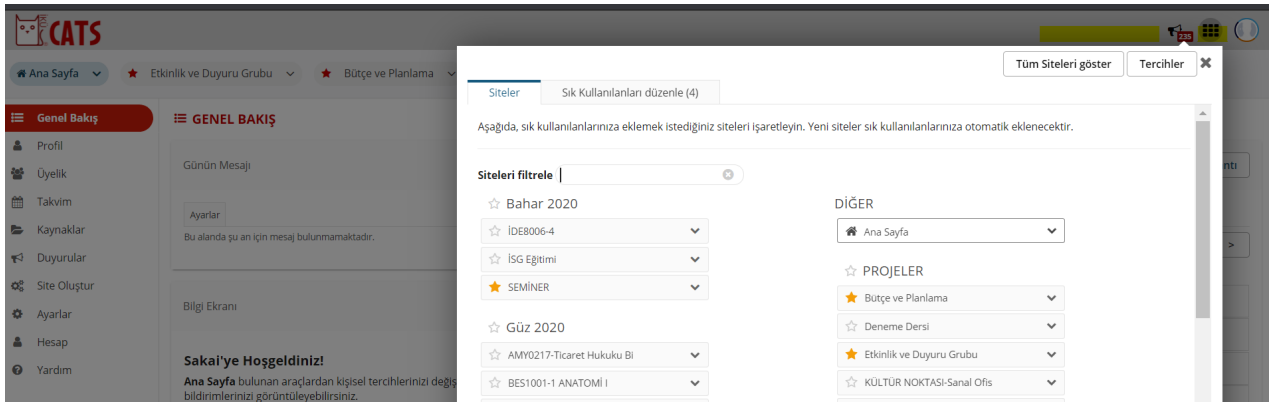
CATS

- It is a course management and communication platform.
- https://cats.iku.edu.tr/
- For questions related to CATS, you can contact: Cats_destek@iku.edu.tr

CATS

Courses selected and approved in the Orion system are automatically transferred to the CATS platform.

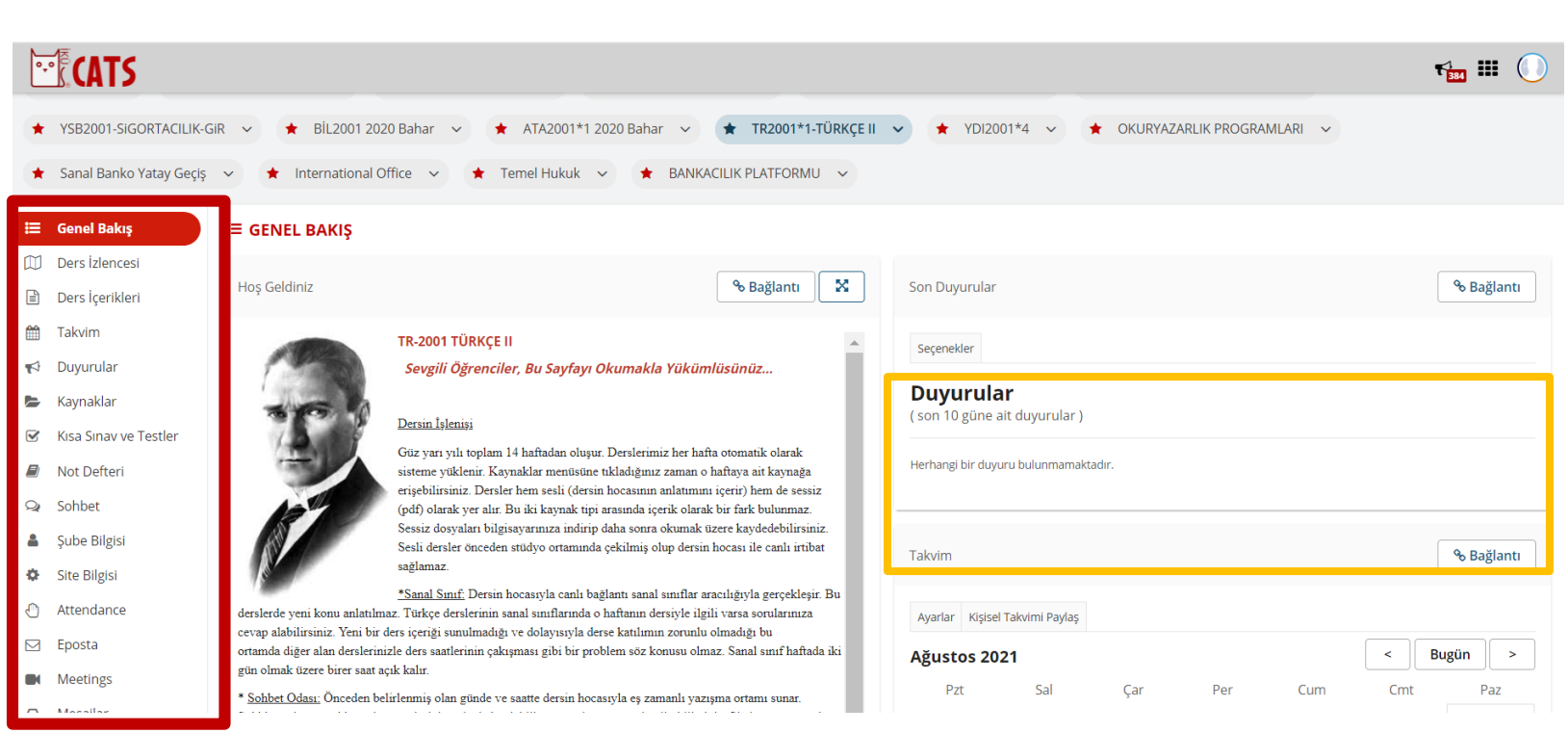
When you click on the "Show All Sites" button with the grid icon in the upper right corner of the page, the courses for the semesters will be listed. In order for the courses to be added to the home page screen and provided for easy access, the star next to the course name must be activated. It is clicked on the course name, it can access the page for the relevant course.



In case the lessons are seen on the CATS platform;
Course instructors or advisors should be contacted.

CATS

It is accessed the relevant pages of the courses it is clicked on the menu on the left side of the page.

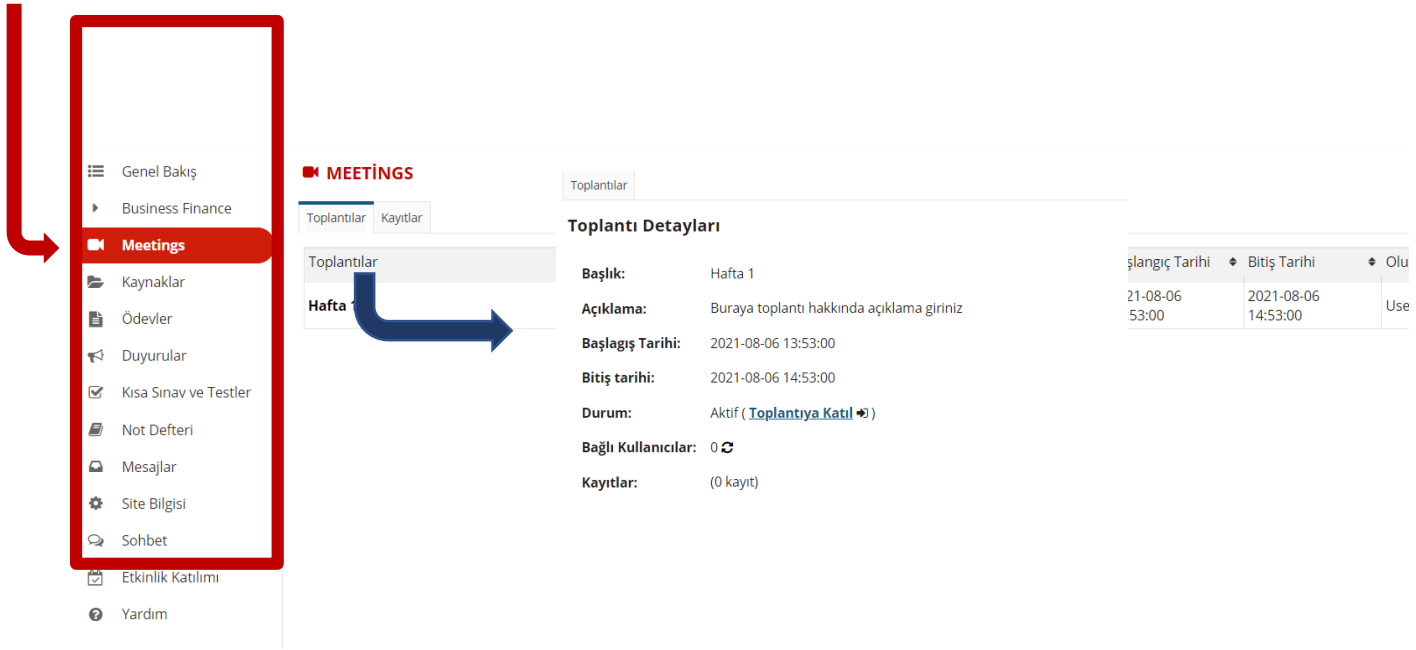


Announcements about the courses can be followed in the Announcements section on the course home page.

If the announcement sharing is set to "High Grade" by the course instructor, the announcements are automatically sent to student's e-mail by the system.

CATS

By clicking on the “Meetings” button, it is viewed the live lesson page with student's lesson. To join the meeting, click on the dark colored meeting name that is active in the meetings area and press the "Join Meeting" button on the page that opens.



Important
Meeting participation can be done on a single device and session at a time. It should be checked that sessions on other devices are closed.

CATS – Virtual Classroom

Recommended system requirements for efficient use of microphone and camera are as follows;

- For computers, (at least) 4G memory and 2+ Ghz processor
- We recommend Google Chrome, Mozilla FireFox or Microsoft Edge. You can also use Safari on Mac OS X, except for the screen sharing feature.
  Computers / Laptops: Chrome or Firefox (latest versions)
  Mobil iOS (12.2+): Safari
  Mobil Android (6.0+) : Chrome
- Your internet should be fast so that it does not cause freezes in the course flow. If you have a low speed internet, it would be more efficient to turn off your camera. You can check your speed at https://speedtest.net/ .

If you are connecting from an insecure wireless network, you may experience periodic interruptions or gaps in your sound. If you are getting an error during your microphone connection, you can try transferring your phone's internet to your computer (Hotspot).

CATS User Guide

- You can access the detailed presentation about the CATS User Manual by following the steps below:
- https://cats.iku.edu.tr →EE ENG STUDENT→Resources→Orientations and Information

PUMA

- **PUMA**

  Mobile application

IOS / ANDROID

Platform for tracking extracurricular activities

- Tasks
- Activities
- Badges

Assessments and Exams Contents

The determining criteria for evaluating course success are given below. These;

- Exams
- Make-up Exams
- Course Grades
- Semester Point Average (SPA) and Grade Point Average (GPA)

Assessment of the Course Success

Evaluation Tools

- Midterm exam
- Quiz
- Homeworks / Projects
- Attendance
- Laboratories
- Final exam REQUIRED
- Resit exam

In-term evaluations

End of term evaluations

- There may be or there may not be a midterm exam week.
- In some courses, there may be only a project instead of a mid-term exam.

The criteria and weights used by each instructor in assessment do not have to be the same.

Exams

- Midterm exam, Make-up exam, Final and Resit exams are planned and organized by the Department and announced in ORION and CATS.
- Except for the graduation project and industry training courses, at least one midterm exam, one final exam and one resit exam are applied for each course. Exam grades are announced in ORION.
- You can take the resit exam of the courses if you have a grade of C-, D+, D, D- or F.
- The highest grade at the end of the respective semester is the final grade of the course.

Exams and Make-up Exam

- In order for the student to take the make-up exam, he/she must have a health report of at least 2 days.
- Students must submit their excuses to the Department Head within three business days following the end of the report period.
- The unit that decides on excuse exams for midterm exams is the department chair.
- Make-up exam program and list of the students are announced.
- There is only one midterm make-up exam for each course.
- Detailed information on the subject can be found in the Licensing Regulation.

Exams

Rules to be followed in exams

- The exam must be taken in the designated examination hall.
- You must be in the exam hall at the specified time (the maximum delay time is half an hour).
- You must sit in the exam hall according to the exam seating arrangement.
- Devices such as phones, tablets and computers should be left in the place determined by the invigilator before the exam.
- Talking, whispering and actions that would disrupt the exam order should be avoided.
- The instructions given by the supervisor must be followed.
- In accordance with the YÖK Student Disciplinary Regulations; It is a crime to cheat during the exam, to have others cheated, and to disrupt the exam order. According to the regulations, the penalty can go up to two semesters of suspension from school.

Course Grades

Course success grade formation criteria generally consist of four criteria, although percentage rates vary depending on the course.

- Midterm exam grade x (% ?)
- Assignment / Project grade x (% ?)
- Quiz grade x (% ?)
- Final exam grade x (% ?)

1.The marks obtained from the four criteria are added together.
2. A grade out of 100 is obtained.
3. This grade is converted into a letter grade.

The criteria and weights used by each faculty member in evaluation do not have to be the same.

For example: A B- can be obtained from a course with an average of 75, and a B can be obtained from a course with an average of 60 in the same semester.

Course Grades

Successful Letter Grades:

A

A-

B+

B

B-

C+

C

Letter grades that can be repeated to increase GPA:

C-

D+

D

D-

Letter grade that is considered unsuccessful and requires compulsory repetition = F

Course Grades

Objection to Success Grade

- Success grades are announced on ÖBYS within the period specified in the Academic Calendar.

- If it is thought that there is an error in the final grade, a grade objection can be made via the website https://orion.iku.edu.tr/irj/portal within the period specified in the Academic Calendar, in order to determine whether there is an evaluation error.

- The outcome of the application for objecting to the success grade is followed up by the Registrar's Office.

Course Grades

Situations Where Repeating Courses is Mandatory

- Courses with F, P and Z grades/symbols must be taken in the first semester they are offered.
- For the course in which an F grade was received, an equivalent elective course can be taken instead of the elective course.
- The elective course taken instead of an F continues to affect the grade card until all elective courses are completed.
- Detailed information it can be found in the Licensing Regulation.

Semester Point Average and Grade Point Average

Term and Year End Success

There are two basic indicators that determine academic success. These are:

- Semester Grade Point Average (SPA)
- General Grade Point Average (GPA)

In calculating GPA, the highest grade obtained in repeated courses is valid.

In calculating GPA, the grade obtained repeatedly in the relevant semester is valid.

Semester Point Average and Grade Point Average

Semester Grade Point Average (SPA)

- It is the total value of the ECTS credits multiplied by the success grades of all the courses taken by the student in the semester they completed, divided by the total credits of the courses taken, excluding the courses with P, Y, Z and exempt courses that are included in the average.

General Grade Point Average (GPA)

- It is the total value of the ECTS credits multiplied by the success grades of all the courses the student has taken, divided by the total credits of the courses taken, excluding the courses with P, Y, Z, which are included in the average.
- If the GPA falls below a certain level, alone or together with the GPA, it may have negative consequences throughout a student's undergraduate education.

Grade Point Average

Credit Load

- The minimum credits that can be taken in an academic semester is 17 ECTS.
- First graders have to take the entire semester load.
- In case of graduation, less than 17 ECTS credits can be taken.

At the end of any semester;	
GPA < 2.00	LIKELY TO SUCCEED
GPA >= 2.00	SUCCESSFUL
3.00 <= GPA >= 3.49	HONOUR STUDENT
GPA >= 3.50	HIGH HONOUR STUDENT

Opportunities Contents

- The opportunities offered by IKU EEM Department to its students during their undergraduate education are discussed under three basic headings. These are:
- MAJOR / MINOR
- Exchange Programs
- Clubs

Double Major Program

Double Major Program;

- A new section in addition to the section gained in AYT,
- Two diplomas,
- It means two titles.

Detailed information can be found in the Directive on the Principles of Double Major and Minor Programs.

Your GPA and Foreign Language Score will be decisive in your benefit from the Double Major Program.

Minor Program

Minor Program;

- A new section in addition to the section gained in AYT,
- Minor Certificate,
- It means two branches of specialization.
- Detailed information can be found in the Directive on the Principles of Double Major and Minor Programs.

Your GPA and Foreign Language Score will be decisive in your benefit from the Minor Program.

A Detailed Presentation About the Double Major and Minor Programs

- You can access the detailed presentation about the Double Major and Minor programs by following these steps:
- https://cats.iku.edu.tr →EE ENG STUDENT→Resources→Orientations and Information

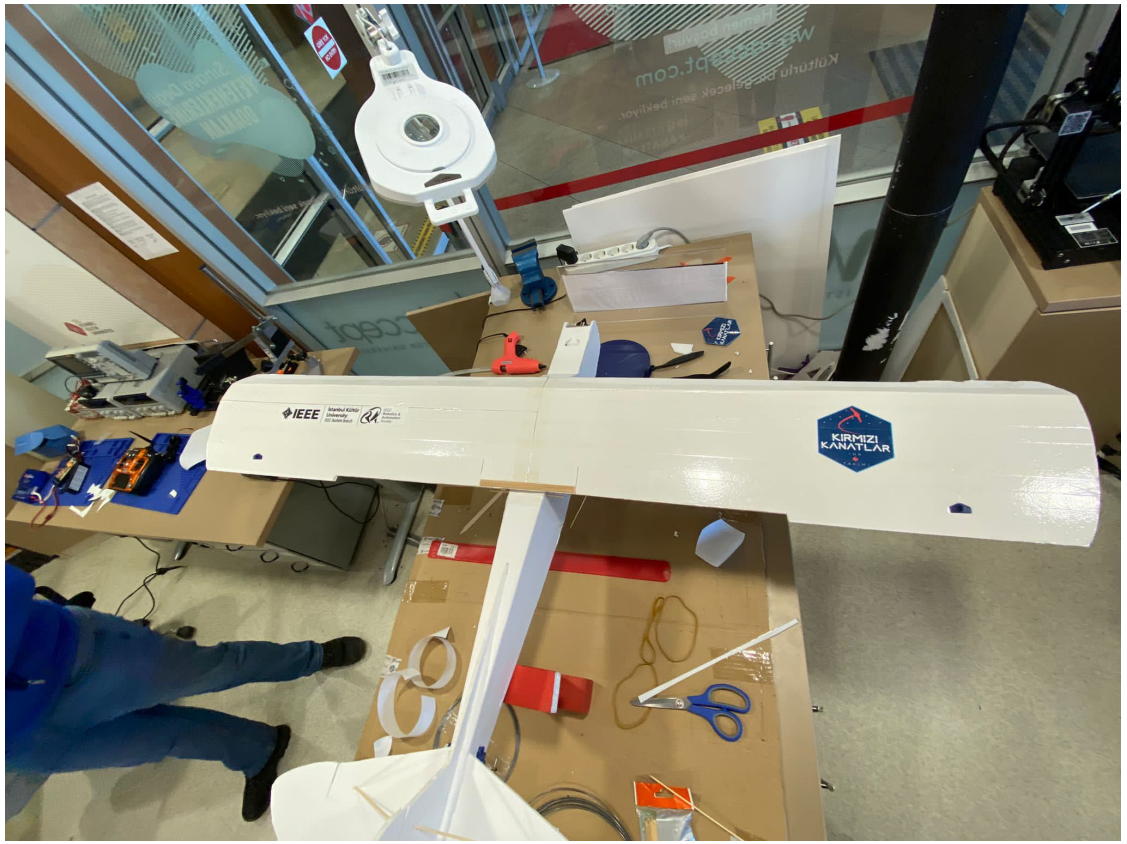
Exchange Program

- ERASMUS +, the exchange program owned by IKU EEM Department
- Students will have the opportunity to study abroad for a maximum of 1 year.
- Detailed information can be obtained from the International Relations Unit.
- https://uib.iku.edu.tr/

Your GPA and Foreign Language Score will be decisive in taking advantage of this opportunity.

Student Clubs

It is clicked on the link about student clubs, it can have the opportunity to benefit from active activities and be informed. https://kulturnoktasi.iku.edu.tr/tr/ogrenci-kulupleri



Graduation

Graduation Requirement

Students who fulfill all the requirements of the Electrical-Electronics Engineering program and have at least 248 ECTS credits, provided that their GPA is 2.00 or higher, are deemed to have met the graduation requirements.

Who Should I Contact? What Should I Do?

I don’t know which course I select?	The course contents in the academic package should be reviewed and the academic advisor should be consulted.
There is a problem in ORION.	It is should consult his academic advisor; there may be an action against the regulations. If there is a problem, the relevant academic advisor directs it to the department key user. For questions related to ORION, you can contact: orion.destek@iku.edu.tr
There is a problem in CATS.	If you cannot see your recorded course, you should go to the course instructor and ask him/her to add it to the course. For other problems, the department web page administrators should be contacted. For questions related to CATS, you can contact: Cats_destek@iku.edu.tr
My courses conflict.	Courses from different semesters may overlap; no improvement can be made in this regard. In mathematics lessons, non-overlapping branches can be followed. It is recommended to take courses that do not conflict with departmental courses.
Additional credits, pre-requsites or SPA, GPA problems	An academic advisor should be consulted, there may be an action against the regulations. If there is a problem, the relevant academic advisor directs it to the department key user.
I want to transfer my courses.	Courses taken at another university can be counted by submitting an exemption petition, transcripts and course contents to the dean's office, but their deadlines in the academic calendar should not be missed.

Who Should I Contact? What Should I Do?

I have questions/problems in course contents, assessments, etc.	The instructor in charge of the course should be consulted.
I have questions related to industry training.	It can be asked to the department internship commission.
I have questions related to graduation project.	It can be asked to the graduation project commission.
Which professional area I should choose? Related courses?	Your mentor should be consulted.
My problems are not solved.	The department head should be consulted.

Who Should I Contact? What Should I Do?

Problems in the password	The password can be renewed at https://unipass.iku.edu.tr/itim/self/jsp/logon/login.jsp For questions related to passwords, you can contact: BST_destek@iku.edu.tr
Applications in ORION	All applications made from ORION must be followed up by the Registrar's Office.
Student accounting problems	All questions regarding payments and contributions should be asked to the Financial Affairs Unit.

Survey

The surveys used for measurement and evaluation within the scope of MÜDEK Accreditation and quality processes must be filled out accurately and sincerely by students.

Survey types are as follows:

- New Enrollment Student Survey
- Course Evaluation Surveys (Students must fill out each course they take during a semester.)
- Student Satisfaction Survey
- Graduation Project Survey
- Manual Survey on Program Outcomes
- Survey for Prospective Graduating Students

We wish you a successful academic life!

2029