

SPRING 2023-2024

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COURSE REGISTRATION GUIDE

Updated: February 15, 2024

Each student has to register for courses before the classes begin. The responsibility for registration rests on the student. Each student is responsible for the selection of courses. The advisor provides guidance and approves the student's selection of courses.

It is highly recommended that each student subscribes to the department e-mail group and "read" the mail regularly: <https://groups.google.com/g/esogu-eee>. The latest announcements are made via this mail group.

REGISTRATION DAYS

To even out the internet data traffic of the university servers, each department has a time slot for registration. Electrical-Electronics Engineering Department course registration is carried out online via OGUBS Student Information System (<https://ogubs1.ogu.edu.tr>) in the time slots indicated below:

February 21, 2024	08:00 – 10:30	Registration only
	13:00 – 23:00	Registration and approval
February 24, 2024	08:00 – 17:00	Registration and approval

DROP-ADD DAYS

Once the advisor approves the course registration, the student may not make any changes in the courses already registered. The student is expected to attend the courses from the day one to understand the requirements and other policies of the course. If the student wants to make any changes in the registered courses such as dropping one elective and add another elective or changing the group of the course, he or she has to wait for the DROP-ADD days. With the assistance of the advisor, the student can make changes provided that there is at least one seat is available in the class. For this semester, the drop-add days are as follows:

February 28, 2024 Wednesday	08:00 – 17:00
February 29, 2024 Thursday	08:00 – 17:00
March 1, 2024 Friday	08:00 – 17:00

Do not leave your registration to the last minutes.

COURSE REGISTRATION

The Registrar's Office announces the registration procedure before each registration period. The instructions for registrations and other announcements regarding students would be in Turkish and can be found on their web page: <https://oidb.ogu.edu.tr> Here is a summary of the instructions.

- 1) You must pay the registration fee (tuition) through TEB (Türkiye Ekonomi Bankası) university fee payment procedure. The amount you were supposed to pay is indicated on the course registration (DERS KAYIT link on <https://ogubs1.ogu.edu.tr>) page. Note: International students must pay the registration fee through the TEB bank branches. The payment may be paid as of **February 19, 2024**. TEB banking machines and TEB mobil applications may be used for the payment. Transfer from other banks to the university TEB account is NOT an ACCEPTABLE method of payment.
- 2) The courses you must take to get your diploma are listed on your study plan: (<https://eee.esogu.edu.tr/en/Sayfa/Index/50/curriculum-and-courses>). You shall register to the courses listed under the current semester under normal conditions. If you have failed some courses and they are offered in that semester, you need to select them or their equivalent first. If your GPA is below 2.00, then you may have to register some courses before you could register new ones.
- 3) Once you have selected the courses, you can let your advisor know that your selection of the courses is complete, so he can check and approve it. If your advisor notices some problems with your selection, he or she may send you a note on the registration page. If he or she sees no problem, the advisor will approve your registration. Once the advisor approves your registration, you cannot access the registration page. If there are any problems, you will fix them with your advisor during the drop-add days.
- 4) If your advisor does not approve your registration, your name will not appear on the class rosters (attendance sheets). You must get in touch with your advisor and complete your registration during the drop-add days. Without the approval of the advisor, your registration will be INCOMPLETE.
- 5) The students is primarily responsible for the registration process—not the advisor.

COURSES WITH PREREQUISITES

The Student Information System checks for the following prerequisites during the registration:

COURSE	PREREQUISITE
Circuit Analysis II	Circuit Analysis I
Digital Systems II	Digital Systems I
Electromagnetic Waves	Electromagnetic Fields
Communications	Signals and Systems
Electronics II	Electronics I
Principles of Energy Conversion	Electromagnetic Fields
Fundamentals of Control Systems	Circuit Analysis II

If the prerequisite condition is not met, the registration is not possible. In addition to the table above, some nontechnical courses such as German I and German II are taken in a proper sequence.

FOR THE FRESHMAN (FIRST YEAR) STUDENTS

The first year students should register the following courses—unless they have taken some of the courses already:

- Calculus II
- Physics II
- Physics II Lab.
- Engineering Graphics
- Linear Algebra
- Computer Programming
- Chemistry
- Technical Writing
- Atatürk İlkeleri ve İnkılap Tarihi II (Section D) (offered under MMF DEKANLIĞI I. ÖĞRETİM)
- Türk Dili II

Some courses have more than one section (A, B, C, ...) The schedules, instructors and available spaces are indicated on the selection window. You need to select one section only.

The last two courses listed above are in Turkish. There are special courses for the international students as alternatives to these courses:

- Türk Dili Özel II (MMF Dekanlığı 1. Öğretim 1. sınıf Tuesday 18:00-20:00 UZEM)
- AİİT II (Özel) (MMF Dekanlığı 1. Öğretim 2. sınıf Thursday 12:00-14:00 UZEM)

“ELECTROMAGNETIC WAVES” and “ELECTROMAGNETICS II” Courses

For students who started taking the department courses in 2021-22 Fall, the program of study has been updated. In the new program the e-magnetics courses have new titles, but they are equivalent to the previous courses as shown below:

New Title	Previous Title
Electromagnetic Fields	≡ Electromagnetics I
Electromagnetic Waves	≡ Electromagnetics II

“LOGIC DESIGN” and “DIGITAL SYSTEMS I” Courses

For students who started taking the department courses in 2021-22 Fall, the program of study has been updated. In the new program the digital system courses have been rearranged. Their equivalence to the previous courses is shown below:

New Title	Previous Title
Logic Design	≡ Digital Systems I
(none)	≡ Digital Systems II

“DIGITAL SYSTEMS II” Course

Digital Systems II is NOT in the new curriculum. This course is offered for students who started taking the department courses **before** 2021-22 Fall. If you are not to take this course, the registration window will display “**M.D. Yok**” next to the title of this course. The same warning will appear next to the title of any other course if you are not supposed to take the course.

NONTECHNICAL ELECTIVE COURSES

Depending on your own program of study, you may have to take three or four nontechnical courses (9 or 12 credits in total). Students can take elective courses from the regular program (*normal öğretim*) or the evening program (*ikinci öğretim*) as long as there is room for registration.

The freshman (the first year) students should not register for these courses.

Regardless of the semester or year they are offered, these courses are equivalent courses—if you fail one of them, you can replace it with a different nontechnical elective course.

NONTECHNICAL ELECTIVES OFFERED IN THE REGULAR PROGRAM

			For Regular Program Students	For Evening Program Students
151223237	A	BEGINNING FRENCH I	20	20
151224243	A	CURRENT ISSUES IN ENGLISH II	20	20
151224244	A	GERMAN II	20	20
151223561	A	INTRODUCTION TO BAĞLAMA	20	20
151224558	A	TURKISH FOLK TUNES WITH BAĞLAMA	20	20
151226355	A	ADVANCED GRAMMAR	20	20
151226365	A	COMMUNICATION VIA ELECTRONIC MEDIA	20	20
151227494	A	ORAL COMMUNICATION	15	15

NONTECHNICAL ELECTIVES OFFERED IN THE EVENING PROGRAM

			For Regular Program Students	For Evening Program Students
151244243	A	CURRENT ISSUES IN ENGLISH II	20	20
151244244	A	GERMAN II	20	00
151246355	A	ADVANCED GRAMMAR	20	20
151246365	A	COMMUNICATION VIA ELECTRONIC MEDIA	20	20

TECHNICAL ELECTIVE COURSES

Depending on your program of study, you are required to take 20 or 22 credits of Technical Elective courses. For this semester, the technical elective courses that are offered are listed below.

Important note: Some technical electives are popular among the students, and some third year students attempt to register these courses. **The senior (fourth year) students have priority to take these courses. The third year students can take these courses only during the drop-add days.**

TECHNICAL ELECTIVES OFFERED IN THE REGULAR PROGRAM

			For Regular Program Students	For Evening Program Students
151228546	A	DIGITAL CONTROL SYSTEMS	15	15
151228544	A	DSP SYSTEM DESIGN	15	15
151227645	A	FUNDAMENTALS OF LIGHTING & ELEC IN	20	20
151228545	A	FUZZY LOGIC	15	15
151228523	A	HIGH VOLTAGE TECHNIQUES	Unlimited	Unlimited
151227621	A	OPTIMIZATION METHODS FOR ENG APP	20	20
151227457	A	POWER SYSTEMS ANALYSIS I	Unlimited	Unlimited
151228547	A	PLC AUTOMATION SYSTEMS	15	15
151228516	A	POWER ELECTRONIC APPLICATION	15	15
151228620	A	OBJECT ORIENTED PROGRAMMING II	15	15
151228492	A	POWER SYSTEMS ANALYSIS II	20	20
151228521	A	WIRELESS COMMUNICATION	15	15

TECHNICAL ELECTIVES OFFERED IN THE EVENING PROGRAM

			For Regular Program Students	For Evening Program Students
151248523	A	HIGH VOLTAGE TECHNIQUES	Unlimited	Unlimited
151248547	A	PLC AUTOMATION SYSTEMS	15	15
151248620	A	OBJECT ORIENTED PROGRAMMING II	15	15

LABORATORY COURSES

The lab courses are meant to be taken either with the related theoretical course. The lab course may be taken alone only if the related course had been taken in previous semesters and attendance requirement had been met for that particular course.

Here is the list of laboratory courses and their pre or co-requisites:

Laboratory Course	Pre- or Co-requisite
Physics II Lab	Physics II
Communications Lab	Communications
Control Systems Lab	Fundamentals of Control Systems
Digital Systems Lab	Logic Design or Digital Systems I

“DESIGN PROCESSES” and “ELECTRICAL ENGINEERING DESIGN” COURSES

These courses are senior project courses. The senior project courses vary depending on the program of study for a student.

- 1) Students who started taking the department courses between 2010 and 2014 are required to take Electrical Engineering Design course.
- 2) Students who started taking the department courses in 2015 or later must take the Design Processes course before taking the Electrical Engineering Design course.
- 3) To take the Design Process course, the student must pass 150 ECTS credits of course load.
- 4) A student who takes Design Processes course, meets attendance requirements but fails the course with FF can take Design Processes and Electrical Engineering Design courses together.
- 5) If the student fails the 150 ECTS credit requirement, the department administration will drop the Design Process course from the student’s registration.
- 6) Senior projects and project groups have been determined in the Design Processes course. Each student must register to the Electrical Engineering Design course section offered by the senior project advisor.

STUDENTS WHO HAVE TRANSFERRED FROM ANOTHER UNIVERSITY

Students who have taken some courses at other universities before getting admitted to the department must submit their transcript to the department for adaptation (*intibak*) program. The course contents and credits will be compared with those of the courses in the program of study, and some are accepted towards the program of study. Each transfer student may have a different adaptation program. The adaptation program is determined by a commission in the department, and a copy of the program is provided to the student. Before selecting the courses for registration, the student is advised to consult with the program to avoid unnecessary repetition of the courses that are already accepted for the program of study.

On the Student Information System (OGUBS), each student can see what requirements are already met in terms of course load through “Mezuniyet Değerlendirme” tab.

SOME IMPORTANT POINTS FROM THE UNDERGRADUATE RULES AND REGULATIONS

- 1) NUMBER OF STUDENTS IN A COURSE
 - a. A required (non-elective) course or its equivalent is offered even if only one person registers.
 - b. For an elective course to be offered, there has to be at least 10 students selecting the course at the end of the last day of registration.
 - c. Dropping of an elective course is not allowed when the number of students in the course falls below 10.
- 2) RETAKING A COURSE
 - a. If a course with a grade FF, YZ, or DZ is offered, the student is **required** to retake the course or its equivalent. This is applicable to all students.
 - b. Students who are admitted to the department after 2019 must repeat the courses with grades DD or DC when they take new courses if their GPA is less than 2.00 (Students who have a GPA greater or equal to 2.00 are **not required** to repeat courses with DD or DC grades. However, they may retake **any course** if they think they can get a better grade.)
- 3) CREDIT LIMITS IN COURSE REGISTRATION
 - a. The maximum course load per semester is 22 local credits for fall and spring semesters.
 - b. Students with a GPA equal or greater than 3.00 can register up to 30 local credits for fall and spring semesters if approved by the advisor of the student.
 - c. It is not advisable for students whose GPA is less than 2.00 to take the full 22 credits of course load. Those students can handle 15 or 18 credits of course load better.
 - d. There is no minimum course load limit.
- 4) RENEWAL OF REGISTRATION
 - a. Students who fail to renew the registration on the announced days or fail to pay the registration fee or tuition lose their privileges recognized for the students.
 - b. The administration **does not** carry out their registration on their behalf.
 - c. **Registration without the approval of the advisor or without the due payment becomes invalid at the end of the drop-add period.**

The Department administration wishes you good luck with the registration and success in your courses.