

ABDULLAH GÜL UNIVERSITY / ABDULLAH GÜL ÜNİVERSİTESİ
Electrical- Electronics Engineering Undergraduate Program / Elektrik-Elektronik Mühendisliği Lisans Programı
(For students who start their undergraduate education from 2025-2026 Fall Semester and later)
(Lisans eğitimine 2025-2026 Eğitim-Öğretim Yılı Güz Döneminden itibaren başlayan öğrenciler için)

Course Code	Course Name	Elective / Compulsory	Lecture	Lab	Credits	ECTS	Basic Science ECTS
1st YEAR	1. Semester						
	MATH 161	Calculus I for Electrical- Electronics Engineering	Compulsory	5	0	5	7
	PHYS 105	Physics I for Electrical- Electronics Engineering	Compulsory	3	2	4	5
	PHYS 107	Physics I Laboratory	Compulsory	0	2	1	2
	EE 101	Introduction to Programming	Compulsory	2	2	3	5
	MATH 165	Linear Algebra for Electrical-Electronics Engineering	Compulsory	4	0	4	5
	ENG 101	English I	Compulsory	4	0	4	4
	GLB 101	AGU Ways	Compulsory	3	0	3	4
						32	19
	2. Semester						
	MATH 162	Calculus II for Electrical-Electronics Engineering	Compulsory	5	0	5	7
	PHYS 104	Physics II for Electrical-Electronics Engineering	Compulsory	3	2	4	5
	PHYS 108	Physics II Laboratory	Compulsory	0	2	1	2
	EE 221	Circuit Theory I	Compulsory	4	2	5	7
	ENG 102	English II	Compulsory	4	0	4	4
	CP100	Career Planning	Compulsory	1	0	1	1
	GLB 1XX	Global Issues Elective I	Elective	3	0	3	4
						30	14
					1.Year Sum	62	33

2nd YEAR	3. Semester						
	MATH 207	Differential Equations for Electrical-Electronics Engineering	Compulsory	4	0	4	5
	EE 204	Signals and Systems	Compulsory	3	2	4	6
	EE 222	Circuit Theory II	Compulsory	4	2	5	7
	EE 205	Engineering Electromagnetics	Compulsory	3	0	3	4
	TURK01	Turkish Language Pool I	Compulsory	2	0	2	2
	MATH261	Numerical Analysis	Compulsory	3	0	3	4
	GLB 2XX	Global Issues Elective II	Elective	3	0	3	4
						32	13
	4. Semester						
	EE 203	Digital Design	Compulsory	3	0	3	4
	EE 215	Digital Design Lab with HDL	Compulsory	2	2	3	4
	EE 206	Electronics I	Compulsory	4	0	4	5
	EE 216	Electronics I Lab	Compulsory	0	2	1	2
	MATH 206	Discrete Mathematics	Compulsory	4	0	4	5
	MATH 208	Advanced Mathematics	Compulsory	3	2	4	5
	TURK02	Turkish Language Pool II	Compulsory	2	0	2	2
	GLB 2XX	Global Issues Elective III	Elective	3	0	3	4
						31	10
					2.Year Sum	63	23

3rd YEAR	5. Semester							
	EE 361	Electromechanical Energy Conversion I	Compulsory	3	2	4	5	
	EETx1	Technical Electives 1	Elective				10	0
	MATH 301	Probability and Statistics	Compulsory	3	0	3	5	5
	GLB 3xx	Global Issues Elective IV	Elective	3	0	3	4	0
	HIST01	History of Turkey Pool I	Compulsory	2	0	2	2	0
	EE 298	Summer Internship I	Compulsory	0	2	1	5	0
							31	5
	6. Semester							
	EE 3999	Senior Design Project Capsule I	Compulsory	0	2	1	5	0
EETx2	Technical Electives 2	Elective				25		
HIST02	History of Turkey Pool II	Compulsory	2	0	2	2	0	
						32	0	
						3. Year Sum	63	5
4th YEAR	7. Semester							
	EETx3	Technical Electives 3	Elective				20	0
	EE 4999	Senior Design Project Capsule II	Compulsory	0	2	1	10	0
	OHS 401	Occupational Health and Safety I	Compulsory	2	0	2	1	0
							31	0
	8. Semester							
	EE 400	Workplace Experience	Compulsory	5	0	5	28	0
	OHS 402	Occupational Health and Safety II	Compulsory	2	0	2	1	0
						29	0	
						4. Year Sum	60	0