

BALIKESIR UNIVERSITY									
ENGINEERING FACULTY									
DEPARTMENT OF ELECTRICAL ELECTRONICS ENGINEERING									
UNDERGRADUATE CURRICULUM FOR 2026-2027									
1st SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
MAT1101	Mathematics 1	C	3	1	0	3.5	5	40%	
FIZ1101	Physics 1	C	3	0	0	3	4	40%	
KIM1101	General Chemistry	C	3	0	0	3	4	40%	
TRS1101	Technical Drawing	C	2	2	0	3	4	40%	
EEE1125	Measurements	C	2	0	0	2	3	40%	
EEE1131	Introduction to Electrical-Electronics Eng.	C	3	0	0	3	4	40%	

	TOTAL		16	3	0	17.5	24		
AIT1101	Atatürk Principles and Rev.H istory 1	C	2	0	0	2	2	40%	
TDI1101	Turkish Language-1	C	2	0	0	2	2	40%	
*	Foreign Language-1	C	2	0	0	2	2	40%	
	GRAND TOTAL		22	3	0	23.5	30		

2nd SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
MAT1202	Mathematics 2	C	3	1	0	3.5	5	40%	
FIZ1201	Physics 2	C	3	0	0	3	4	40%	
IST1202	Statistic	C	2	1	0	2.5	4	40%	
EEE1232	Computer Aided Design	C	3	0	0	3	3	20%	Project: %20
EEE1236	Fundemantals of Electrical Circuit	C	2	1	0	2.5	3	40%	
BIL1202	Int. to Algorithma and Programming	C	2	1	0	2.5	3	40%	
KRY1201	Career Planning	C	1	0	0	1	2	40%	
	TOTAL		16	4	0	18	24		
AIT1201	Atatürk Princip. and Rev. His. 2	C	2	0	0	2	2	40%	
TDI1201	Turkish Language-2	C	2	0	0	2	2	40%	
**	Foreign Language-2	C	2	0	0	2	2	40%	
	GRAND TOTAL		22	4	0	24	30		

3rd SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE2121	Differential Equations	C	3	0	0	3	5	40%	
EEE2123	Circuit Analysis	C	3	0	0	3	5	40%	
EEE2125	Electromagnetic Fields	C	3	0	0	3	5	40%	
EEE2127	Logic Circuits	C	3	0	0	3	5	40%	
EEE2129	Material Science	C	2	0	0	2	3	40%	
EEE2131	Probability Theory	C	2	0	0	2	3	40%	
EEE2133	Measurement Laboratory	C	0	0	2	1	2	40%	
EET21XX	Technical Elective 1	TE	2	0	0	2	2		
	TOTAL		18	0	2	19	30		

4th SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE2222	Complex Analysis	C	3	0	0	3	5	40%	
EEE2224	Electromagnetic Waves	C	3	0	0	3	5	40%	
EEE2226	Electromechanical Energy Conversion	C	3	0	0	3	4	40%	
EEE2228	Electronics I	C	3	0	0	3	5	40%	
EEE2230	Signals and Systems	C	3	0	0	3	5	40%	
EEE2232	Logic Circuits Laboratory	C	0	0	2	1	2	40%	
EET22XX	Technical Elective 2	TE	2	0	0	2	2		
EEESTJ1	Summer Internship 1	C	0	0	0	0	2	0%	
	TOTAL		17	0	2	18	30		

5th SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE3121	Electronic Laboratory	C	0	0	2	1	2	40%	
EEE3131	Introduction to Control Systems	C	3	0	0	3	4	20%	Proje: %20
EEE3171	Electronics 2	C	3	0	0	3	4	40%	
EEE3173	Electrical Machines	C	3	0	0	3	4	40%	
EEE31MS	Elective Course 1-2	E	6	0	0	6	8		
EEESTJ3	Summer Internship 2	C	0	0	0	0	3	0%	
EEEXXXX	USD1	E	2	0	0	2	3		
	TOTAL		17	0	2	18	28		
ISG3101	Occupational Health and Safety 1	C	2	0	0	2	2	%40	
	GRAND TOTAL		19	0	2	20	30		

6th SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE3226	Power System Analysis	C	3	0	0	3	5	40%	
EEE3228	Power Electronics	C	3	0	0	3	4	40%	
EEE3230	Digital Signal Processing	C	3	0	0	3	4	40%	
EEE3270	Microcomputers	C	3	0	0	3	4	40%	
EEE32MS	Elective Course 3-4	E	6	0	0	6	8		
EEEXXXX	USD2	E	2	0	0	2	3		
	TOTAL		20	0	0	20	28		
ISG3202	Occupational Health and Safety 2	C	2	0	0	2	2	40%	
	GRAND TOTAL		22	0	0	22	30		

7th SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE4197	Circuit Design	E	2	0	0	2	5	40%	
EEE4123	Programmable Logic Controllers	C	3	0	0	3	4	40%	
EEE4125	Illumination Technique	C	3	0	0	3	4	40%	
EEE4129	Fundamentals of Communication	C	3	0	0	3	4	40%	
EEE41MS	Elective Course 5-6	E	6	0	0	6	8		
EEE41XL	Elective Laboratory	E	0	0	2	1	2		
EEE41SS	Social Elective 1	SE	2	0	0	2	3		
	TOTAL		19	0	2	20	30		

8th SEMESTER									
CODE	COURSE NAME	Cate.	T	A	L	Cr	ECTS	Semester Assessment Activities (%40)	
								Midterm Exam	Other Assessment Activities
								*The percentage of assessment activities will be indicated below.	
EEE4280	Undergraduate Project	E	0	2	0	1	5	40%	
EEE4224	High Voltage Technique	C	3	0	0	3	5	40%	
EEE4226	Power System Protection	C	3	0	0	3	5	40%	
EEE4228	Prog. Logic Controller Lab.	C	0	0	2	1	2	40%	
EEE4230	Engineering Ethics	C	2	0	0	2	2	40%	
EEE42MS	Elective Course 7-8	E	6	0	0	6	8		
EEE42SS	Social Elective 2	SE	2	0	0	2	3		
	TOTAL		16	2	2	18	30		

Or

EEE4278	In-Company Vocational Training	E	5	26		18	30	%5	Quiz: %35
	TOPLAM		5	26		18	30		

***The mid-term assessment activities specified in Article 21, Paragraph 3 of the Balıkesir University Associate Degree and Undergraduate Education, Teaching and Examination Regulations are as follows:**

"Project, portfolio, assignment, seminar, presentation, practical work, design, laboratory work, composition, report, jury evaluation, oral exam, short quiz, sketch exam, etc."

*YDI1101	Foreign Language (English)-1							**YDI1201	Foreign Language (English)-2
*YDA1101	Foreign Language (German)-1							**YDA1201	Foreign Language (German)-2
*YDF1101	Foreign Language (French)-1							**YDF1201	Foreign Language (French)-2

- CATEGORY:
- C Compulsory
 - E Elective
 - TE Technical Elective
 - SE Social Elective
 - USD University Elective