

BALIKESIR UNIVERSITY
BALIKESIR VOCATIONAL SCHOOL
DEPARTMENT OF ELECTRONICS AND AUTOMATION
CONTROL AND AUTOMATION TECHNOLOGY PROGRAM
2025-2027 ACADEMIC YEAR COURSE PLAN

COURSE CODE	COURSE NAME	Category	SEMESTER I					In-Term Assessment Activities (%40)	
			ECTS	K	L	U	T	Written Exam	*Other Assessment Activities
ENOT101	Mathematics	C	2	1	0	2.5	3	40%	The percentage distribution of assessment activities will be specified below.
KON1103	Mechanism Technology	C	2	1	0	2.5	3	40%	
ENOT110	Direct Current Circuits	C	2	2	0	3	3	40%	
ENOT111	Digital Electronics	C	2	2	0	3	3	40%	
ENOT104	Electronic Measurement Techniques	C	3	1	0	3.5	5	40%	
ENOT106	Occupational Health and Safety	C	2	0	0	2	2	30%	Homework - 10%
ENOT114	Electronics I	C	2	2	0	3	3	40%	Homework - 10%
KON1104	Engineering entry processing	C	2	0	0	2	2	30%	Homework - 10%
	TOTAL		17	9	0	21.5	24		
ALT1101	America's Principles and History of Reform	C	2	0	0	2	2	40%	
TDI1101	Turkish Language I	C	2	0	0	2	2	40%	
YDI1101	Foreign Language I	C	2	0	0	2	2	40%	
	GRAND TOTAL		23	9	0	27.5	30		

COURSE CODE	COURSE NAME	SEMESTER III						In-Term Assessment Activities (%)		The percentage distribution of assessment activities will be specified below.
		Category	T	U	L	K	ECTS	Other Assessment Activities		
								Written Exam		
EN02106	System Analysis and Design	C	0	2	0	1	1		40%	
KON2111	Hydraulics and Pneumatics	C	1	2	0	1.5	2		40%	
KON2112	Microcontrollers	C	1	2	0	1.5	2		40%	
KON2113	Sensors and Transducers	C	3	0	0	3	3		40%	
	Elective Course 1	E	3	1	0	3.5	5			
	Elective Course 2	E	3	1	0	3.5	5			
	Elective Course 3	E	2	1	0	2.5	4			
	Elective Course 4	E	2	1	0	2.5	4			
	Elective Course 5	E	2	1	0	2.5	4			
	GRAND TOTAL		17	11		21.5	30			

SEMESTER III ELECTIVE COURSES									
COURSE CODE	COURSE NAME	Category	T	U	L	K	ECTS	In-Term Assessment Activities (%40)	
								Written Exam	*Other Assessment Activities
								The percentage distribution of assessment activities will be as follows: Homework : 10%	
ENO2107	Advanced Microcontrollers	E	3	1	1	3, 5	5	30%	
ENO2112	Electric Motor Drives and Control Systems	E	3	1	3	3, 5	5	40%	
KON2114	Fuzzy Logic	E	3	1	3	3, 5	5	40%	
KON2115	Industrial Robots	E	3	1	3	3, 5	5	30%	
KON2116	Smart Factory Systems	E	3	1	3	3, 5	5	40%	Homework : 10%
KON2117	Industrial Networks	E	3	1	3	3, 5	5	40%	
ENO2110	Automation Technologies	E	3	1	3	3, 5	5	40%	
ENO2111	Robot Technologies	E	2	1	2	3, 5	4	40%	
ENO2108	Professional Foreign Language I	E	2	1	2	3	4	40%	
KON2118	Air Conditioning and Refrigeration Technologies	E	2	1	2	3	4	40%	
ENO2109	Computer Programming	E	2	1	2	3	4	40%	
KON2119	Building Management Systems	E	2	1	2	3	4	40%	
KON2120	Process Measurements	E	2	1	2	3	3	40%	

In-term assessment activities specified in Article 21, Paragraph 3 of the Balkesir University Associate and Undergraduate Education and Examination Regulations include: 'project, portfolio, assignment, seminar, presentation, practice, design, laboratory studies, composition, report, jury evaluation, oral exam, quiz, sketch exam, etc.'

*YDA1101 Foreign Language I (German)
*YDF1101 Foreign Language I (French)

**YDA1201
**YDF1201

Foreign Language II (German)
Foreign Language II (French)

CATEGORY :
C
E

Compulsory
Elective