

 OKAN UNIVERSITY	VOCATIONAL SCHOOL DEPARTMENT OF ELECTRIC AND ENERGY ELECTRIC PROGRAM ASSOCIATE DEGREE CURRICULUM (2026-2027 FALL)						Document Code: FR.OGR.200
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Semester 1

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
KYP001.09	İş Yaşamına Hazırlık	0	2	1	1	Compulsory	
ATA101	Atatürk Principles and The History of Turkish	2	0	2	2	Compulsory	
MING151	Basic English I	3	0	3	4	Compulsory	
MTRD101	Turkish Language I	2	0	2	2	Compulsory	
MMAT101	Mathematics	3	0	3	5	Compulsory	
MMEK115	Computer Programming	3	0	3	5	Compulsory	
MELK227	Fundamentals of Power Electronics	3	0	3	5	Compulsory	
MMEK123	Fundamentals of Electrical Circuits	2	2	3	4	Compulsory	
MELK107	Computer Aided Technical Design	3	0	3	4	Compulsory	
Total Credit				23	32		

Semester 2

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA102	Atatürk Principles and The History of Turkish Revolution II	2	0	2	2	Compulsory	
MING152	Basic English II	3	0	3	4	Compulsory	
MTRD102	Turkish Language II	2	0	2	2	Compulsory	
MMEK220	Logic Circuit Design	3	0	3	5	Compulsory	
MELK118	Analog Electronic Circuits	3	0	3	6	Compulsory	
MELK124	Electrical Motors and Drivers	3	0	3	6	Compulsory	
MELK230	Alternating Current Machines	3	0	3	5	Compulsory	
Total Credit				19	30		

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MELK225	Transformers and Direct Current Machines	3	0	3	6	Compulsory	
MISG218	Occupational Health and	3	0	3	5	Compulsory	
MELK220	Renewable Energy	3	0	3	5	Compulsory	
MELK103	Electrical Installation Plans	3	0	3	5	Compulsory	
SECGNL3YY	Elective Group	3	0	3	5	Elective	
SECGNL3YY	Elective Group	3	0	3	5	Elective	
Total Credit				18	31		

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MIME101	Work-based Training	0	40	20	30	Compulsory	
Total Credit				20	30		

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
	Total Credit						

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
	Total Credit						

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
	Total Credit						

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Abbreviations: T=Weekly hours: theoretical; A=Weekly hours: application; C=Credits in Turkish System; ECTS= European Credit Transfer System



ELECTIVE COURSES

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MELK217	Measuring	3	0	3	5	Elective	
MELK232	Winding Techni	3	0	3	5	Elective	
MELK233	Lighting Techni	3	0	3	5	Elective	
MELK234	Electric Plants	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
FACULTY ELECTIVE							
MMAK211	Pumps and Com	3	0	3	5	Elective	
MMAK212	Hydraulic and Pneumatic	3	0	3	5	Elective	
MMAK134	Air Conditioning and	3	0	3	5	Elective	
MMEK223	Introduction to Matlab /	3	0	3	5	Elective	
MMEK118	Microcontrollers	3	0	3	6	Elective	
MMAK218	Construction Ma	3	0	3	5	Elective	
MMEK222	Programmable Logical	3	0	3	5	Elective	
MMEK209	Robot Technolo	3	0	3	5	Elective	
MGRS201	Entrepreneurshi	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MMSE201	Professional Eth	3	0	3	5	Elective	
MISL223	General business	3	0	3	5	Elective	
MADL230	Business Law	3	0	3	5	Elective	
MBLP241	Basic Computer Usage	3	0	3	5	Elective	
MING253	English III	3	0	3	5	Elective	
MFIZ103	Basics of Physic	3	0	3	5	Elective	
MCIN101	Chinese	3	0	3	5	Elective	
MRUS101	Russian	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 5

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 6

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 7

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 8

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							