

VOCATIONAL SCHOOL

MECHATRONICS PR. (PAID)

MEKATRONİK(2019-Devam) - Active

Lessons Count: 29 T : 65 U : 93 L : 0 K : 106 ECTS : 150.00 T + U + L : 158

1. Semester									2. Semester								
#	Course Code	Course Name	Type	T	U	L	K	ECTS	#	Course Code	Course Name	Type	T	U	L	K	ECTS
1	MKT113	TECHNICAL DRAWING AND OCCUPATIONAL DRAWING	Compulsory	3	2	0	5	5.00	1	MKT112	MATHEMATICS II	Compulsory	2	0	0	2	3.00
2	MKT101	INTRODUCTION TO MECHATRONICS	Compulsory	3	0	0	3	3.00	2	ATA102	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	Compulsory	2	0	0	2	2.00
3	MKT109	BASIC ELECTRICS AND ELECTRONICS I	Compulsory	3	2	0	5	6.00	3	TD102	TURKISH LANGUAGE II	Compulsory	2	0	0	2	2.00
4	MKT119	BASIC PROGRAMMING AND ALGORITHMS I	Compulsory	3	2	0	6	6.00	4	ING102	ENGLISH II	Compulsory	3	0	0	3	3.00
5	MKT111	MATHEMATICS I	Compulsory	2	0	0	2	3.00	5	MKT118	MEASUREMENT TECHNIQUES	Compulsory	3	1	0	4	5.00
6	ATA101	ATATURK'S PRINCIPLES AND REVOLUTION HISTORY I	Compulsory	2	0	0	2	2.00	6	MKT116	MATERIAL KNOWLEDGE AND MANUFACTURING METHODS	Compulsory	3	0	0	3	4.00
7	TD101	TURKISH LANGUAGE I	Compulsory	2	0	0	2	2.00	7	MKT114	INDUSTRIAL DESIGN II	Compulsory	3	2	0	4	5.00
8	ING101	ENGLISH I	Compulsory	3	0	0	3	3.00	8	MKT110	BASIC ELECTRICITY AND ELECTRONICS II	Compulsory	3	2	0	4	6.00
Toplam									Toplam								
				21	6	0	28.00	30.00					21	5	0	24.00	30.00

3. Semester								4. Semester														
#	Course Code	Course Name	Type	T	U	L	K	ECTS	#	Course Code	Course Name	Type	T	U	L	K	ECTS					
1	MKT225	COMPUTER AIDED MACHINE TOOLS PRODUCTION LOGIC	Compulsory	3	0	0	3	4.00	1	MKT202	PROFESSIONAL PRACTICE	Compulsory	0	40	0	15	30.00					
2	MKT217	AUTOMATIC CONTROL SYSTEMS	Compulsory	3	0	0	3	4.00	Toplam									0	40	0	15.00	30.00
3	MKT215	HYDRAULIC AND PNEUMATIC SYSTEMS	Compulsory	2	0	0	2	3.00														
4	MKT213	LOGICAL CIRCUIT DESIGN	Compulsory	3	0	0	3	4.00														
5	MKT299	PROFESSIONAL PRACTICE	Compulsory	0	40	0	15	30.00														
6	MKT219	ELECTRONICS	Compulsory	3	2	0	4	6.00														
7	MKT211	MACHINE ELEMENTS AND MECHANISMS	Compulsory	3	0	0	3	3.00														
8	SEC201	ELECTIVES - 1		3	0	0	3	3.00														
9	SEC201	ELECTIVES - 2		3	0	0	3	3.00														
Toplam				23	42	0	39.00	60.00														

ELECTIVES							
#	Course Code	Course Name	Type	T	U	L	K ECTS
1	MKT229	ELECTRIC MOTORS AND DRIVES	Optional	3	0	0	3 3.00
2	MKT231	PROGRAMMABLE CONTROLLERS	Optional	3	0	0	3 3.00
3	MKT227	PROFESSIONAL ETHICS	Optional	3	0	0	3 3.00
4	MKT223	BIOMECHANICS AND APPLICATIONS	Optional	3	0	0	3 3.00
5	MKT221	ROBOTICS APPLICATIONS	Optional	3	0	0	3 3.00