

**Yandal Programı**  
**(8 zorunlu ders + 2 seçmeli)**

	<b>Course Code</b>	<b>Course Title</b>	<b>T</b>	<b>R</b>	<b>C</b>	<b>ECTS</b>
1	MECE 113	Computer Aided Engineering Drawing	2	2	3	6
2	MECE 203	Statics	3	0	3	6
3	MECE 202	Strength of Materials	3	0	3	5
4	MECE 206	Dynamics	3	0	3	4
5	MECE 218	Principles of Signals of Systems + Lab.	3	2	4	5
6	MECE 302	Sensors and Measurement	3	2	4	7
7	MECE 388	Automatic Control + Lab.	2	2	3	5
8	MECE 401	Introduction to Robotics	3	2	4	5
9	*MECE 114	Computer Aided Engineering Drawing	2	2	3	4
10	*MECE 210	Manufacturing Processes	3	2	4	5
11	*MECE 215	Fundamentals of Thermal Systems	3	0	3	4
12	*MECE 223	Digital Design I Lab.	3	2	4	4
13	*MECE 232	Advanced Electrical Circuit Analysis + Lab.	3	2	4	4
14	*MECE 233	Electrical Circuit Analysis + Lab.	3	2	4	4
15	*MECE 240	Electromechanical Energy Conversions	3	0	3	4
16	*MECE 246	Fundamentals of Electronics + Lab.	3	2	4	5

17	*MECE 301	Theory of Machines I	3	0	3	4
18	*MECE 307	Machine Elements I	3	0	3	5
19	*MECE 336	Microprocessors I + Lab.	3	2	4	5
20	*MECE 347	Electronics + Lab.	3	2	4	6

- Tabloda ‘\*’ işareti ile gösterilen dersler seçmeli derslerdir. Öğrenciler bu seçmeli derslerden en az iki tanesini programı bitirmek için almalıdır.

### Çift Anadal Programı

(25 zorunlu ders ile 2 teknik seçmeli ders olmak üzere toplam 27 ders)

	Course Code	Course Title	T	R	C	ECT S
1	MECE 113	Computer Aided Engineering Drawing I	2	2	3	6
2	MECE 114	Computer Aided Engineering Drawing II	2	2	3	4
3	MECE 215	Fundamentals of Thermal Systems	3	0	3	4
4	MECE 210	Manufacturing Processes	3	2	4	5
5	MECE 203	Statics	3	0	3	6
6	MECE 206	Dynamics	3	0	3	4
7	MECE 202	Strength of Materials	3	0	3	5
8	MECE 246	Fundamentals of Electronics + Lab.	3	2	4	5
9	MECE 240	Electromechanical Energy Conversions	3	0	3	4
10	MECE 233	Electrical Circuit Analysis + Lab.	3	2	4	4

11	MECE 232	Advanced Electrical Circuit Analysis + Lab.	3	2	4	4
12	MECE 218	Principles of Signals of Systems + Lab.	3	2	4	5
13	MECE 347	Electronics + Lab.	3	2	4	6
14	MECE 200	Summer Training I	0	0	0	5
15	MECE 302	Sensors and Measurement	3	2	4	7
16	MECE 401	Introduction to Robotics	3	2	4	5

17	MECE 307	Machine Elements I	3	0	3	5
18	MECE 301	Theory of Machines I	3	0	3	4
19	MECE 388	Automatic Control + Lab.	2	2	3	5
20	IE 345	Engineering Economy	3	0	3	4
21	MECE 407	Innovative Engineering Analysis and Design	1	2	2	3
22	MECE 408	Innovative Engineering Design and Implementation	1	2	2	3
23	IE 446	Project Engineering Management	3	0	3	4
24	MECE 223	Digital Design I + Lab.	3	2	4	4
25	MECE 336	Microprocessors I + Lab.	3	2	4	5

26		Engineering Elective (MECE, ME, EE, ECE, MSE)			3	
27		Engineering Elective (MECE, ME, EE, ECE, MSE)			3	
		<b>TOPLAM KREDİ</b>			<b>86</b>	

- Yazılım Mühendisliği öğrencileri MECE 200 Yaz Stajı dersini mekatronik mühendisliği ile ilgili bir birimde ya da işletmede yapmalıdırlar.