

**Department of Mechanical Engineering**  
**Undergraduate Curriculum**

*ATACS Curriculum Name: “ME-CUR-2016-2017 Güz Dönemi-2 (International Students)”*

Course Code	Course Name	Credit	ECTS
<b>1. Semester</b>			
CMPE102	Computer Programming	3	4
ENG101	English For Academic Purposes I	4	3,5
HIST221	History of Civilization	3	3
MATH151	Calculus I	5	7
ME108	Computer Aided Solid Modeling	2	4,5
PHYS101	General Physics I	4	6
TURK201	Turkish I	3	3
<b>2. Semester</b>			
ENG102	English for Academic Purposes II	3	3,5
MATE207	Introduction to Materials Engineering	3	5
ME101	Introduction to Mechanical Engineering	1	1,5
MATH152	Calculus II	5	7
PHYS102	General Physics II	4	6
TURK202	Turkish II	3	3
CHE105	General Chemistry	4	5
<b>3. Semester</b>			
ENG201	English for Academic Purposes III	3	3
MATH275	Linear Algebra	4	6
ME201	Statics	3	6
ENE203	Thermodynamics I	3	6
MFGE205	Introduction to Manufacturing Processes	3	5
	General Elective	3	4
<b>4. Semester</b>			
ENG202	English for Academic Purposes IV	3	3
EE234	Introduction to Electrical Engineering	3	5
MATH276	Differential Equations	4	6
MECE204	Dynamics	3	6
ME210	Strength of Materials	3	6
	General Elective	3	4
<b>5. Semester</b>			
ENE301	Heat Transfer	3	6
AE307	Fluid Mechanics	3	6
ENG301	English for Occupational Purposes I	3	3
IE220	Probability and Statistics	3	5
ME399	Summer Practice I	0	6
MECE303	Theory of Machines	3	6
	General Elective	3	4

Course Code	Course Name	Credit	ECTS
6. Semester			
ME390	Mechanical Engineering Systems Laboratory	2	4
ME316	Machine Elements	3	7
MECE306	Control Systems	3	6
ENG302	English for Occupational Purposes II	3	3
IE305	Engineering Economy	2	5
MATH380	Numerical Methods for Engineers	3	5
7. Semester			
HIST111	Principles of Atatürk and History of Turkish Revolution I	2	2
ME403	Mechanical Systems Design	3	8
ME499	Summer Practice II	0	6
	Area Elective (1)	3	5
	Area Elective (2)	3	5
	Area Elective (3)	3	5
	Area Elective (4)	3	5
8. Semester			
ME404	Design Project	3	8
HIST112	Principles of Atatürk and History of Turkish Revolution II	2	2
	Area Elective (5)	3	5
	Area Elective (6)	3	5
	Area Elective (7)	3	5
	Area Elective (8)	3	5