

**Konya Technical University**  
**Department of Mechanical Engineering**

**Freshman Year**

**Fall 1. Semester**

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210181	[ME] Calculus I	4+2+0	-	6
1210182	[ME] Physics I	3+0+2	-	6
	[ME] Introduction to Mechanical Engineering	3+0+1	Assist. Prof.Dr. Muharrem Hilmi Aksoy	
	[ME] Computer Aided Technical Drawing I	2+2+0	Assist. Prof.Dr. Yusuf Yılmaz	5

**Spring 2. Semester**

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210280	[ME] Computer Aided Technical Drawing II	2+2+0	Assist. Prof.Dr. Yusuf Yılmaz	5
1210281	[ME] Statics	4+0+0	Assist. Prof.Dr. Okan Demir	5
1210282	[ME] Calculus II	4+2+0	-	6
1210283	[ME] Physics II	3+0+0	-	5
1210284	[ME] Chemistry	3+0+2	-	5

**Sophomore**

**Fall 3. Semester**

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210380	[ME] Mechanical Engineering Orientation Internship <sup>1</sup>	15 work day		3
1210382	[ME] Dynamics	4+0+0	Assist. Prof. Dr. Okan Demir	5
1210384	[ME] Differential Equations	3+0+0	-	4
1210386	[ME] Manufacturing Technologies	6+0+0	Dr. Instructor Member Yusuf Yılmaz	6
	[ME] Thermodynamics I	4+0+0	Assist. Prof. Dr. Ş. Ulaş Atmaca	5
1210381	[ME] Materials Science I	6+0+0	Assist. Prof. Dr. Okan Demir	6

**Spring 4. Semester**

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210481	[ME] Strength of Materials	4+0+0	Assist. Prof. Dr. Yusuf Yılmaz	5
1210482	[ME] App. Mathematics for Mech. Engineering	3+0+0	-	5
	[ME] Material Science II	4+0+0	Assist. Prof. Dr. Okan Demir	6
	[ME] Numeric Analysis	2+0+0	Assist. Prof. Dr. Ş. Ulaş Atmaca	3
	[ME] Technical English	2+0+0	Assist. Prof. Dr. Yusuf Yılmaz	2
1202403	Electronics II	5+0+0	Doç. Dr. Murat Ceylan	5

## Junior

### Fall 5. Semester

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210580	[ME] Industrial Manufacturing Internship	30 work days		3
1210581	[ME] Dynamic of Machinery	3+0+0	Prof.Dr. Fatih M. Botsalı	4
1210583	[ME] Fluid Mechanics I	6+0+0	Assist. Prof. Dr. Sercan Doğan	6
1210582	[ME] Machine Elements I	3+0+0	Assist. Prof. Dr. Yusuf Yılmaz	5
1210585	[ME] Social Elective I	2+0+0	-	2
1210586	[ME] Heat Transfer	3+0+0	Assist. Prof. Dr. Ulas Atmaca	4
1210683	[ME] Fluid Mechanics II	6+0+0	Assist. Prof. Dr. Muharrem Hilmi Aksoy	6
12102501	Electrical Machinery 1	5+0+0	-	5
1210586	[ME] Control Systems	6+0+3	Prof. Dr. Fatih M. Botsalı	9

### Spring 6. Semester

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210680	[ME] System Dynamics	2+0+0	Prof. Dr. Fatih M. Botsalı	3
1210684	[ME] Social Elective II	2+0+0	-	2
	[ME] Engineering measurements	3+0+0	Assist. Prof. Dr. Okan Demir	4
1210681	[ME] Thermal Environmental Engineering	6+0+3	Assist. Prof. Dr. Şükrü Ulaş Atmaca	9

## Senior

### Fall 7. Semester

Code	Course	Lect.+Recit.+Lab	Lecturer	ECTS
1210780	[ME] Industrial Organization Internship	15 work day	-	3
1210781	[ME] Mechanical Engineering Design I	3+3+0	-	5
1210783	[ME] Mechanical Engineering Design II	3+3+0	-	13
	[ME] Occupational Health and Safety I	2+0+0	Assist. Prof. Dr. Yusuf Yılmaz	2
1210788	[ME] Mechanical Behavior of Materials	6+0+0	Assist. Prof. Dr. Okan Demir	6
1210784	[ME] Engineering Design	6+0+0	Assist. Prof. Dr. Yusuf Yılmaz	6
<b>Core Elective II-III-IV <sup>4</sup></b>				
Code	Course	Lect.+Recit.+Lab	Lecturer	ECTS
1210784	[ME] Engineering Design	3+0+0	Assist. Prof. Dr Yusuf Yılmaz	4
1210785	[ME] Technology & Innovation Management	3+0+0	Prof. Dr. Fatih Mehmet Botsalı	5
1210788	[ME] Introduction to Finite Elements Method	3+0+0	Assist. Prof. Dr. Ulas Atmaca	5

## Spring 8. Semester

Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
1210880	[ME] Mechanical Engineering Design II	3+3+0	All Academicians	13
1210781	[ME] Mechanical Engineering Design I	3+3+0	All Academicians	5
	[ME] Occupational Health and Safety II	2+0+0	Assist. Prof. Dr. Yusuf Yılmaz	2
<b>Core Elective V-VI-VII <sup>4</sup></b>				
Code	Course	Lect.+Recit.+Lab.	Lecturer	ECTS
	[ME] Air Conditioning System Design	3+0+0	Assist. Prof. Dr. Ulas Atmaca	5
1210885	[ME] Introduction to Composite Materials	3+0+0	Assist. Prof. Dr. Okan Demir	5
1210886	[ME] Renewable Energy Systems	3+0+0	Assist. Prof. Dr. Muharrem Hilmi Aksoy	5
	[ME] Mechatronic Systems	3+0+0	Prof.Dr. Fatih M. Botsalı	5