



NEAR EAST  
UNIVERSITY

**DEPARTMENT OF Mechanical  
Engineering**

***Course and Program Outcomes Matrix***

2021-2022

*Program details and the individual grade/marks obtained:*

1 (1 <sup>st</sup> Semester)						2 (2 <sup>nd</sup> Semester)					
Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
CHM101	General Chemistry	4	-	Compulsory	Ex	COM132	Introduction to Computers and Programming	3	-	Compulsory	AA
ENG101	English I	3	-	Compulsory	Ex	ENG102	English II	3	-	Compulsory	CC
MAT101	Calculus I	4	-	Compulsory	Ex	MAT102	Calculus II	4	-	Compulsory	Ex
ME101	Engineering Drawing I	3	-	Compulsory	DD	ME102	Engineering Drawing II	3	-	Compulsory	DC
PHY101	General Physics I	4	-	Compulsory	Ex	PHY102	General Physics II	4	-	Compulsory	Ex
ME100	Mechanical Engineering Orientation	-	-	Compulsory	S						
YIT101	Turkish for Foreign Students	-	-	Compulsory	S						
		-	-								
		18	-					17	-		
3 (3 <sup>rd</sup> Semester)						4 (4 <sup>th</sup> Semester)					
Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
MAT201	Ordinary Differential Equations	4	-	Compulsory	Ex	EE206	Electrical Machinery	3	-	Compulsory	Ex
ME211	Engineering Materials	4	-	Compulsory	Ex	MTH214	Mathematics for Mechanical Engineers	3	-	Compulsory	BA
ME203	Statics	4	-	Compulsory	Ex	ME210	Manufacturing Technology I	3	-	Compulsory	DD
ME205	Thermodynamics I	4	-	Compulsory	Ex	ME204	Dynamics	3	-	Compulsory	DD
ENG210	English Communication Skills	3	-	Compulsory	Ex	ME206	Thermodynamics II	3	-	Compulsory	DD
						ME208	Strength of Materials I	4	-	Compulsory	DC
						ME200	Workshop Training	-	-	Compulsory	S
		19						19	-		
5 (5 <sup>th</sup> Semester)						6 (6 <sup>th</sup> Semester)					
Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
ME301	Fluid Mechanics I	4	-	Compulsory	Ex	MTH323	Numerical Analysis	3	-	Compulsory	CB
ME303	Machine Design I	4	-	Compulsory	CC	ME302	Theory of Machines I	4	-	Compulsory	DD
ME307	Strength of Materials II	4	-	Compulsory	DD	ME304	Machine Design II	4	-	Compulsory	BB
ME311	Manufacturing Technology II	3	-	Compulsory	BB	ME308	Control Systems	3	-	Compulsory	CC
ME313	Heat Transfer I	4	-	Compulsory	Ex	ME314	Heat Transfer II	3	-	Compulsory	DC
						ME300	Industrial Training (6 weeks)	-	-	Compulsory	S
		19	-					17	-		

7 (7<sup>th</sup> Semester)8 (8<sup>th</sup> Semester)

Course Code	Course Name	CR	ECTS	Status	Grade	Course Code	Course Name	CR	ECTS	Status	Grade
ME403	Theory of Machines II	4	-	Compulsory	CC	ME400	Graduation Project	4	-	Compulsory	AA
ME405	Exp. Analysis of Mech. Eng. Systems	3	-	Compulsory	CC	SOC101	Sociology	3	-	Elective	Ex
ME415	Wind Engineering	3	-	Tech. Elective	Ex	ME416	Solar Engineering	3	-	Tech. Elective	Ex
ME411	HVA&C Systems	3	-	Tech. Elective	CB	ME454	Heat Treatment	3	-	Tech. Elective	CB
AUT421	Fuel Cells	3	-	Tech. Elective	Ex	ME472	Quality Control	3	-	Tech. Elective	AA
MAN402	Management for Engineers	3	-	Elective	Ex						
		19						16	-		

**TOTAL CREDITS 144**