

**FACULTY OF MARITIME STUDIES**  
**DEPARTMENT OF MARINE ENGINEERING**

1 <sup>st</sup> Semester								2 <sup>nd</sup> Semester							
CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E	CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MTH101	Calculus I	Analiz I		3	2	4	6	MTH102	Calculus II	Analiz II	MTF	3	2	4	6
MPH101	Physics for Mariners I	Fizik I		3	2	4	5	MPH102	Physics for Mariners II	Fizik II	MPF	3	2	4	5
CHE101	Chemistry for Mariners	Denizcilik Kimyası		2	1	2.5	3	MEC203	Statics	Statik	MPF	3	0	3	4
SAF101	Maritime Safety I	Denizde Güvenlik I		2	3	3.5	4	SAF102	Maritime Safety II	Denizde Güvenlik II		2	1	2.5	3
MRE101	Introduction to Marine Engines I	Gemi Makinelerine Giriş I		2	1	2.5	3	MED104	Diesel Engines I	Dizel makineler I		2	2	3	5
MEC101	Technical Drawing	Teknik Çizim		1	2	2	4	MED106	Maritime English I	Denizcilik İngilizcesi I		2	0	2	3
MED101	Workshop I	Atölye I		0	4	2	4	MED102	Workshop II	Atölye II		0	4	2	4
MEC205	Material Science	Malzeme Bilimi		2	0	2	4	PED102	Physical Education	Beden Eğitimi		0	2	1	1
AİT101	Ataturk's Principles and History of Turkish Revol	Atatürk İlkeleri ve İnkılapları Tarihi		0	0	0	1	CMP102	Introduction to Computer Applications	Bilgisayar Uygulamalarına Giriş		2	2	3	3
Total				15	15	22.5	34	Total				17	15	24.5	34
3 <sup>rd</sup> Semester								4 <sup>th</sup> Semester							
CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E	CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MTH112	Linear Algebra	Lineer Cebir		3	0	3	5	MTH201	Differential Equations	Diferansiyel Denklemler	MTF	3	0	3	5
MEL201	Introduction to Marine Electronics	Gemi Elektronikğine Giriş	MPH102	2	1	2.5	3	MTH301	Numerical Analysis for Engineers	Mühendisler için Sayısal Analiz	MTF	2	0	2	4
MED201	Operation and Maintenance of Main and Auxiliary Machinery I	Ana ve Yardımcı Makinelerin Operasyon ve Bakımı I	MED104	3	2	4	5	MEC204	Dynamics	Dinamik	MEC	3	0	3	5
MED203	Marine Auxiliary Machinery I	Gemi Yardımcı Makineleri I		2	1	2.5	4	MEC306	Fluid Mechanics	Akışkanlar Mekaniği		2	2	3	5
MEC207	Thermodynamics I	Termodinamik I		3	0	3	5	MED202	Marine Auxiliary Machinery II	Gemi Yardımcı Makineleri II	ME D203	2	1	2.5	4
NRC201	Ship Construction	Gemi İnşa		2	2	3	4	SAF214	Maritime Safety III	Denizde Güvenlik III		2	2	3	5
Total				15	6	18	26	Total				14	7	17.5	30
5 <sup>th</sup> Semester								6 <sup>th</sup> Semester							
CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E	CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MED301	Marine Electrotechnology I	Gemi Elektroteknigi I	MPH102	2	1	2.5	3	SGT303	Seagoing training	Deniz Stajı		0	0	0	25
MED303	Marine Engines Simulator	Gemi Makineleri Simülâtörü	MED104	1	3	2.5	4								
MED305	Marine Diesel Engines II	Dizel Makineler II	MED104	2	2	3	4								
MED307	Hydraulic, Pneumatic and Automatic Control	Hidrolik, Pnömatik ve Otomatik Kontrol		2	1	2.5	4								
MAN301	Maritime Management I	Denizcilik İdaresi I		2	0	2	2								
LAW351	Maritime Law and International Conventions I	Deniz Hukuku ve Uluslararası Sözleşmeler I		3	0	3	4								
MEC301	Heat Transfer I	Isı Transferi		3	1	3.5	5								
MEC303	Machine Component Design I	Makine Elamanları Tasarımı		3	0	3	4								
Total				18	88	22	30	Total							
7 <sup>th</sup> Semester								8 <sup>th</sup> Semester							
CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E	CODE	COURSE NAME	DERS ADI	C/E	T	P	C	E
MEC208	Thermodynamics II	Termodinamik II	MEC207	3	0	3	4	MED402	Steam and Gas Turbines	Buhar ve Gaz Türbinleri		2	0	2	3
MED401	Marine Electrotechnology II	Gemi Elektroteknigi II	MED301	2	1	2.5	3	MED404	Survey procedures	Sörvey Prosedürleri		2	0	2	3
MED403	Operation and Maintenance of Main and Auxiliary Machinery II	Ana ve Yardımcı Makinelerin Operasyon ve Bakımı II	MED201	3	2	4	5	MED406	Refrigeration and Conditioning	Soğutma ve İklimlendirme	MEI	3	0	3	4
MED405	Marine Boilers and Operation	Kazanlar ve Operasyonu		2	0	2	3	MED408	Automatic control	Otomatik Kontrol	ME D307	3	0	3	4
MEC202	Manufacturing Technology I	Üretim Teknolojileri		2	0	2	3	MEC310	Hydromechanics	Hidromekanik		3	0	3	4
MED409	Maritime English II	Denizcilik İngilizcesi II		2	0	2	3	MED412	Engine Room Simulator	Makine Dairesi Simülâtörü	MEI	1	4	3	4
SAF421	Maritime Safety IV	Denizde Güvenlik IV		2	1	2.5	3	MAN402	Maritime Management II	Denizcilik İdaresi II		2	0	2	2
LAW451	Maritime Law and International Conventions II	Deniz Hukuku ve Uluslararası Sözleşmeler II	LAW351	2	2	3	4	NRC202	Ship Stability I	Gemi Dengesi	NRC	3	1	3.5	4
Total				18	6	21	28	FGP499	Graduation Project	Mezuniyet Projesi		0	6	3	5
Total				19	11	24.5	33	Total							

Total No. of Courses	57
Total No. Of Electives	
Total No. Of Credits	150

Percentage of Electives	
Total ECTS	240

Key:

C/E: Compulsory/Elective (Please indicate)      T: Hours of Theoretical Study      P: Hours of Practice/Lab      C: Credits      E: ECTS