

ENGINEERING FACULTY DEPARTMENT OF NAVAL ARCHITECTURE and MARINE ENGINEERING COURSE PLAN	COMPUTER ENGINEERING	MECHANICAL ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING	INDUSTRIAL ENGINEERING
---	-------------------------	---------------------------	--	---------------------------

I. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
MATE 112	Mathematics I	3	2	0	4.0	6		Muaf	Muaf	Muaf	Muaf
PHYE 112	Physics I	3	0	2	4.0	6		Muaf	Muaf	Muaf	Muaf
MATE 113	Linear Algebra	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
TUR C001	Turkish Language I	2	0	0	0.0	2		Muaf	Muaf	Muaf	Muaf
ATA C001	Atatürk's Principles and History of Revolution I	2	0	0	0.0	2		Muaf	Muaf	Muaf	Muaf
COMP 113	Computer Technology And Programming	2	0	1	2.5	4		Muaf	Muaf	Muaf	Muaf
NM 111	Introduction To Naval Architecture and Marine Engineering	2	1	0	2.5	4		Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		17	3	3	16.0	29					

II. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
MATE 122	Mathematics II	3	2	0	4.0	6		Muaf	Muaf	Muaf	Muaf
PHYE 122	Physics II	3	0	2	4.0	6		Muaf	Muaf	Muaf	Muaf
CAR C01	Career Planning	1	0	0	0.0	1		Muaf	Muaf	Muaf	Muaf
CHM 113	Chemistry	3	0	2	4.0	6		Sorumlu	Muaf	Sorumlu	Muaf
TUR C002	Turkish Language II	2	0	0	0.0	2		Muaf	Muaf	Muaf	Muaf
ATA C002	Atatürk's Principles and History of Revolution II	2	0	0	0.0	2		Muaf	Muaf	Muaf	Muaf
MEEN 122	Computer Aided Technical Drawing	1	0	2	2.0	4		Sorumlu	Muaf	Sorumlu	Muaf
NM S01	Industrial Training I	0	0	0	0.0	2		Sorumlu	Muaf	Sorumlu	Muaf
Total		15	2	6	14.0	29					

III. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
ENF 216	Differential Equations	4	0	0	4.0	6	MATE 122	Muaf	Muaf	Muaf	Muaf
NM 211	Dynamics	3	1	0	3.5	5		Sorumlu	Muaf	Sorumlu	Sorumlu
NM 212	Strength of Materials	2	1	0	2.5	5		Sorumlu	Muaf	Sorumlu	Sorumlu
NM 213	Ship Geometry& Hydrostatics	2	2	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
ENF 221	Numerical Methods for Engineers	2	1	0	2.5	3		Sorumlu	Muaf	Sorumlu	Sorumlu
	Social Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
Total		16	5	0	18.5	29					

IV. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
ENF 211	Probability and Statistics	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
NM 221	Thermodynamics	2	1	0	2.5	5		Sorumlu	Muaf	Sorumlu	Sorumlu
NM 222	Fluid Mechanics	2	1	1	3.0	5	ENF 216	Sorumlu	Muaf	Sorumlu	Sorumlu
NM 223	Material Science and Production Methods	2	1	1	3.0	5		Sorumlu	Muaf	Sorumlu	Sorumlu
	Social Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
ENF313	Economics	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Muaf
NM S02	Industrial Training II	0	0	0	0.0	2	NM S01	Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		15	3	2	17.5	32					

V. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
NM 311	Ship Theory	2	1	0	2.5	5	NM 213	Sorumlu	Sorumlu	Sorumlu	Sorumlu

NM 312	Resistance and Propulsion	3	1	0	3.5	6	NM 222	Sorumlu	Sorumlu	Sorumlu	Sorumlu
NM 313	Advanced Structural Analysis	2	1	0	2.5	5	NM 212	Sorumlu	Sorumlu	Sorumlu	Sorumlu
NM 314	Ship Propulsion Systems	2	1	0	2.5	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Faculty Elective-2	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
NM 315	Ship Auxiliary Engines	2	1	0	2.5	4		Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		14	5	0	16.5	30					

VI. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
NM 321	Ship Design	2	0	2	3.0	5	NM 311	Sorumlu	Sorumlu	Sorumlu	Sorumlu
NM 322	Ship Motions and Manoeuvring	2	1	0	2.5	5	NM 312	Sorumlu	Sorumlu	Sorumlu	Sorumlu
NM 323	Ship Structural Design	3	1	0	3.5	5	NM 313	Sorumlu	Sorumlu	Sorumlu	Sorumlu
NM 324	Internal Combustion Engines	3	0	0	3.0	5	NM 221	Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Social Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
NMS S03	Industrial Training III	0	0	0	0.0	2	NM S02	Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		16	2	2	18.0	32					

VII. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
NM 411	Design Project I	2	3	0	3.5	8	NM 321, NM 323	Sorumlu	Sorumlu	Sorumlu	Sorumlu
ENF 411	Occupational Health&Safety	2	0	0	2.0	3		Muaf	Muaf	Muaf	Muaf
	Social Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Faculty Elective-1	3	0	0	3.0	5	NM 321, NM 323	Muaf	Muaf	Muaf	* Seçilen derse göre muafiyet sağlanabilir.
	Technical Elective	3	0	0	3.0	5		Sorumlu	Sorumlu	Muaf	Sorumlu
	Technical Elective	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		16	3	0	17.5	31					

VIII. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
NM 421	Design Project II	2	3	0	3.5	8	NM411	Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Social Elective	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Technical Elective	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		14	3	0	15.5	28					

Total local credit of 3rd and 4th years: 67.5 Total ECTS C: 121

T: Lecture hours per week, U: Tutorial hours per week, L: Laboratory hours per week, C: Local credits

ECTS C: European Credit Transfer System credits

Total Local Credits:	133.5
Total AKTS Credits:	240.0