

ENGINEERING FACULTY DEPARTMENT OF COMPUTER ENGINEERING / INFORMATION SYSTEMS ENGINEERING COURSE PLAN	NAVAL ARCHITECTURE and MARINE ENGINEERING	MECHANICAL ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING	INDUSTRIAL ENGINEERING
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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
MATE 113	Linear Algebra	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
PHYE 112	Physics I	3	0	2	4.0	6		Muaf	Muaf	Muaf	Muaf
COMP 111	Introduction to Computer Engineering	2	1	0	2.5	3		Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP 112	Computer Programming I	3	0	2	4.0	6		Sorumlu	Sorumlu	Sorumlu	Sorumlu
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
Total		18	3	4	17.5	30					

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
COMP 121	Computer Programming II	3	0	2	4.0	6		Sorumlu	Sorumlu	Muaf	Sorumlu
COMP 126	Discrete Mathematics	3	0	0	3.0	6		Sorumlu	Sorumlu	Sorumlu	Sorumlu
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
CAR C01	Career Planning	1	0	0	0.0	1		Muaf	Muaf	Muaf	Muaf
Total		17	2	4	15.0	29					

III. 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
ENF 216	Differential Equations	4	0	0	4.0	6	MATE 122	Muaf	Muaf	Muaf	Muaf
ELK 219	Fundamentals of Electric Circuits	3	0	0	3.0	5		Sorumlu	Muaf	Muaf	Sorumlu
COMP 211	Object-Oriented Programming	3	0	2	4.0	6	COMP 121	Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP 212	GUI Programming	3	0	2	4.0	6		Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP S01	Industrial Training I	0	0	0	0.0	3		Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		16	0	4	18.0	31					

IV. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
COMP 221	Data Structures	3	0	0	3.0	6	COMP 211	Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP 222	Computer Networks and Internet	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
ELK 229	Fundamentals of Electronic Devices and Circuits	3	0	0	3.0	5	ELK 219	Sorumlu	Sorumlu	Muaf	Sorumlu
	Faculty Elective Course-2	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
Total		18	0	0	18.0	31					

V. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
COMP 311	Database Management Systems	3	0	2	4.0	7		Sorumlu	Sorumlu	Sorumlu	Muaf
COMP 312	Algorithms	3	0	0	3.0	5	COMP 221	Sorumlu	Sorumlu	Sorumlu	Sorumlu

COMP 313	Web Programming	3	0	2	4.0	7		Sorumlu	Sorumlu	Sorumlu	Sorumlu
ELK 212	Digital Design	2	2	1	3.5	6	ELK 229	Sorumlu	Sorumlu	Muaf	Sorumlu
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
Total		14	2	5	17.5	30					

VI. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
COMP 322	Operating Systems	3	0	2	4.0	7		Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP 324	Software Engineering	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
COMP 325	Computer Architecture	3	0	0	3.0	5	ELK 212	Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective Course	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
COMP S02	Industrial Training II	0	0	0	0.0	3	COMP S01	Sorumlu	Sorumlu	Sorumlu	Sorumlu
Total		15	0	2	16.0	30					

VII. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
COMP 411	Dissertation Project I	2	3	0	3.5	8	COMP 325	Sorumlu	Sorumlu	Sorumlu	Sorumlu
ENF 411	Occupational Health and Safety	2	0	0	2.0	3		Muaf	Muaf	Muaf	Muaf
	Technical Elective Course	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective Course	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Faculty Elective Course-1	3	0	0	3.0	5	COMP 325	Muaf	Muaf	Muaf	Muaf
Total		16	3	0	17.5	31					

VIII. SEMESTER

Course Code	Course Name	T	A	L	C	ECTS C	Prerequisite				
COMP 421	Dissertation Project II	2	3	0	3.5	8	COMP 411	Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective Course	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Technical Elective Course	3	0	0	3.0	5		Sorumlu	Sorumlu	Sorumlu	Sorumlu
	Social Elective Course	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
	Faculty Elective Course-2	3	0	0	3.0	5		Muaf	Muaf	Muaf	Muaf
Total		14	3	0	15.5	28					

Total local credit of 3rd and 4th years: 66.5 Total ECTS C: 119

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