

ISTINYE UNIVERSITY
FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL&ELECTRONICS ENGINEERING

1. SEMESTER COURSE PLAN (Fall)				
Code	Course	T+P	ECTS	Language Of Instruction
ENS101	Calculus 1	2+2	5	EN
ENS103	Computational Thinking	3+2	6	EN
ENS105	Physics 1	3+1	6	EN
ENS107	Computer Literacy	2+2	4	EN
ENS109	Engineering Design	3+0	4	EN
TRK101	Turkish Language 1	2+0	2	TR
Total		22	29	

3. SEMESTER COURSE PLAN (Fall)				
Code	Course	T+P	ECTS	Language Of Instruction
ENS201	Differential Equations	2+2	6	EN
EEE203	Electrical Circuits	3+2	7	EN
ENS206	Digital Logic Design	3+2	7	EN
ENS205	Human Body	2+2	4	EN
DIL101	General English 1	2+0	2	EN
ATA101	Atatürk's Principles and History of Turkish Revolution 1	2+0	2	TR
SEG001	Manifest of İstinye 1	0+1	1	EN
Total		23	30	

5. SEMESTER COURSE PLAN (Fall)				
Code	Course	T+P	ECTS	Language Of Instruction
EEE301	Stochastic Processes	2+2	6	EN
ENS301	Electromechanical Energy Conversion	3+2	6	EN
EEE305	Electromagnetics	3+2	7	EN
	Department Elective	2+2	5	EN
	University Elective	2+2	5	EN
Total		22	29	

7. SEMESTER COURSE PLAN (Fall)				
Code	Course	T+P	ECTS	Language Of Instruction
EEE302	Information Theory	3+2	6	EN
EEE401	Capstone Project 1	3+2	7	EN
	Department Elective	2+2	5	EN
	Department Elective	2+2	5	EN
	University Elective	2+2	5	EN
SEG003	Manifest of İstinye 3	0+1	1	EN
Total		23	30	

Code	DEPARTMENT ELECTIVES	T+P	ECTS	Language Of Instruction
ENT067	Analog Electronics	2+2	5	EN
ENT159	Fuzzy Logic Control	2+2	5	EN
ENT138	Mechatronics	2+2	5	EN
ENT006	Fundamentals of Machine Learning	2+2	5	EN
ENT037	Image Processing	2+2	5	EN
ENT068	Digital Electronics	2+2	5	EN

2. SEMESTER COURSE PLAN (Spring)				
Code	Course	T+P	ECTS	Language Of Instruction
ENS102	Linear Algebra with Applications	2+2	5	EN
ENS104	Computational Mathematics	3+2	6	EN
ENS106	Physics 2	3+1	6	EN
ENS110	Calculus 2	2+2	5	EN
ENS108	Computer Aided Design	2+2	5	EN
TRK102	Turkish Language 2	2+0	2	TR
Total		23	29	

4. SEMESTER COURSE PLAN (Spring)				
Code	Course	T+P	ECTS	Language Of Instruction
ENS202	Probability and Statistics	3+2	6	EN
ENS204	Signals and Systems	3+2	7	EN
EEE206	Electronics	3+2	7	EN
ENS207	Digital System Design	3+2	6	EN
DIL102	General English 2	2+0	2	EN
ATA102	Atatürk's Principles and History of Turkish Revolution 2	2+0	2	TR
SEG002	Manifest of İstinye 2	0+1	1	EN
Total		23	30	

6. SEMESTER COURSE PLAN (Spring)				
Code	Course	T+P	ECTS	Language Of Instruction
ENS302	Control Systems	3+2	6	EN
ENS304	Microprocessor System Design	3+2	7	EN
ENS306	Computer Architecture	3+2	7	EN
ENS308	Cryptographic Engineering	3+2	6	EN
	Department Elective	2+2	5	EN
Total		24	31	

8. SEMESTER COURSE PLAN (Spring)				
Code	Course	T+P	ECTS	Language Of Instruction
EEE402	Capstone Project 2	3+2	7	EN
EEE404	Communications	3+2	7	EN
	Department Elective	2+2	5	EN
	Department Elective	2+2	5	EN
	Department Elective	2+2	5	EN
SEG004	Manifest of İstinye 4	0+1	1	EN
Total		23	30	

Code	UNIVERSITY ELECTIVES	T+P	ECTS	Language Of Instruction
UNI 001	Alternative and Renewable Energy	2+2	5	TR
UNI 002	Introduction to Anthropology	2+2	5	TR
UNI 003	Nutrition Misconceptions	2+2	5	TR
UNI 004	Introduction to Modern Art	2+2	5	TR
UNI 005	Digital Media Literacy	2+2	5	TR
UNI 006	Entrepreneurship in Dietetics	2+2	5	TR
UNI 007	Intellectual History	2+2	5	TR
UNI 008	Rhetoric and Diction	2+2	5	TR
UNI 009	Rhetoric and Presentation Techniques	2+2	5	TR
UNI 010	Introduction to Philosophy	2+2	5	TR
UNI 011	Introduction to New Media	2+2	5	TR
UNI 012	Convincing and Effective Communication	2+2	5	TR
UNI 013	Communication Methods	2+2	5	TR
UNI 014	Sign Language	2+2	5	TR
UNI 015	Preventive Healthcare and Health Literacy	2+2	5	TR
UNI 016	Leadership Strategies	2+2	5	TR
UNI 017	Logistics Management	2+2	5	TR
UNI 018	Media Literacy	2+2	5	TR
UNI 019	Entrepreneurship	2+2	5	TR
UNI 020	Psychological Skills	2+2	5	TR
UNI 021	Public Speaking	2+2	5	TR
UNI 022	Health Economics	2+2	5	TR
UNI 023	Healthy Life and Physical Activity	2+2	5	TR
UNI 024	Technological Conversion in Turkish Defense Industry	2+2	5	TR
UNI 025	Introduction to Sociology	2+2	5	TR
UNI 026	International Organisations	2+2	5	TR
UNI 027	Management Skills	2+2	5	TR
UNI 028	Introduction to Optimisation	2+2	5	TR
UNI 029	Monumental Architecture of Istanbul	2+2	5	TR

DESCRIPTION

T: Theoric

P: Practice

ECTS: European Credit Transfer System