

**ESKİŞEHİR OSMANGAZI ÜNİVERSİTESİ**  
**MÜHENDİSLİK MİMARLIK FAKÜLTESİ**  
**ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ**  
**Lisans Programı**

*2006-2009 yıllarında Birinci sınıf derslerine başlayan öğrencilere uygulanır*

**Electrical-Electronics Engineering**  
**Program of Study**

*Applicable to the students who started the freshman courses in 2006-2009*

1. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151221195	CHEMISTRY	Z	3	0	0	3	3	3
151221196	CHEMISTRY LAB	Z	0	0	2	2	1	2
151221197	CALCULUS I	Z	3	2	0	5	4	5
151221132	EXPOSITORY WRITING	Z	3	0	0	3	3	4
151221198	PHYSICS I	Z	3	0	0	3	3	3
151221199	PHYSICS LAB I	Z	0	0	2	2	1	2
151221147	INTRODUCTION TO COMPUTERS	Z	2	0	2	4	3	5
151221113	INTRODUCTION TO PROGRAMMING	Z	2	0	0	2	2	3
151221181	Turkish I	Z	2	0	0	2	0	2
	Social Elective I	S	1	0	0	1	0	1
			19	2	6	27	20	30

2. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151222197	CALCULUS II	Z	3	2	0	5	4	5
151222198	PHYSICS II	Z	3	0	0	3	3	3
151222199	PHYSICS II LAB	Z	0	0	2	2	1	2
151222137	COMPUTER PROGRAMMING	Z	2	0	2	4	3	5
151222126	ENGINEERING GRAPH.	Z	1	0	2	3	2	4
151222136	TECHNICAL WRITING	Z	3	0	0	3	3	4
151222148	LINEAR ALGEBRA	Z	3	0	0	3	3	4
151221182	Turkish II	Z	2	0	0	2	0	2
	Social Elective II	S	1	0	0	1	0	1
			18	2	6	26	19	30

3. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151223235	COMPLEX CALCULUS	Z	3	0	0	3	3	5
151223245	ENGINEERING MECHANICS	Z	2	2	0	4	3	5
151223297	CIRCUIT ANALYSIS I	Z	3	0	0	3	3	6
151223298	DIFFERENTIAL EQUATIONS	Z	2	2	0	4	3	4
151223299	DIGITAL SYSTEMS I	Z	3	0	0	3	3	4
151223551	ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTIONS I	Z	2	0	0	2	2	2
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
			18	4	0	22	20	30

4. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151224232	CIRCUIT ANALYSIS II	Z	4	0	0	4	4	6
151224300	CIRCUITS LABORATORY	Z	0	0	2	2	1	2
151224236	ELECTROMAGNETICS I	Z	3	0	0	3	3	5
151224297	DIGITAL SYSTEMS II	Z	3	0	0	3	3	4
151224298	DIGITAL SYSTEMS LAB.	Z	0	0	2	2	1	2
151224299	SYSTEMS AND SIGNALS	Z	3	0	0	3	3	5
151224552	ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTIONS II	Z	2	0	0	2	2	2
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
			18	0	4	22	20	30

5. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151225337	ELECTROMAGNETICS II	Z	3	0	0	3	3	4
151225335	ELECTRONICS I	Z	3	0	0	3	3	5
151226357	ELECTRONICS LABORATORY	Z	0	0	2	2	1	2
151225393	INTRODUCTION TO MICROCOMPUTERS	Z	3	0	0	3	3	6
151225394	PROBABILITY	Z	3	0	0	3	3	4
151225350	NUMERICAL METHODS	Z	3	0	0	3	3	5
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
			18	0	2	20	19	30

6. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151226356	COMMUNICATIONS	Z	3	0	0	3	3	6
151226322	ELECTRONICS II	Z	3	0	0	3	3	6
151226340	PRINCIPLES OF ENERGY CONVERSION	Z	4	0	0	4	4	6
151226364	CONTROL SYSTEMS LABORATORY	Z	0	0	2	2	1	2
151226363	FUNDAMENTALS OF CONTROL SYSTEMS	Z	3	0	0	3	3	6
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
			16	0	2	18	17	30

7. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
151227437	ECONOMICS	Z	3	0	0	3	3	4
151227497	DIGITAL SIGNAL PROCESSING	Z	3	0	0	3	3	5
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
	TECHNICAL ELECTIVE II	S	0	0	2	2	1	2
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
			18	0	2	20	19	30

8. YARIYIL		Z/S	Teo	Uyg	Lab	Top	KREDİ	ECTS
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
	TECHNICAL ELECTIVE I	S	3	0	0	3	3	5
151228404	ENGINEERING ETHICS	S	1	0	0	1	1	1
	NONTECHNICAL ELECTIVE	S	3	0	0	3	3	4
	SYNTHESIS AND DESIGN COURSE	S	4	2	0	6	5	10
			17	2	0	19	18	30

<b>Nontechnical Electives</b>			
151223237	Beginning French I	151224244	German II
151223239	German I	151224554	Culture and Social Change
151223241	Curr.Issues in Eng. I	151226342	German IV
151223242	The Short Story	151226344	Intermediate French II
151223554	Introduction to Accounting	151226353	Comm and Culture II
151225341	German III	151226354	Sociology
151225343	Intermediate French I	151226355	Advanced Grammar
151225391	Communication and Culture I	151226358	Conversational German II
151225395	Conversational German I	151226359	Introduction to Psychology
151225397	Science and Society	151225392	Human Behavior in Organizations
151227461	German V	151228462	German VI
151227463	Advanced French I	151228464	Advanced French II
151227494	Oral Communication	151228496	Thesis Writing
151224242	Beginning French II	151228520	Engineering Economics
151224243	Curr.Issues in Eng. II		
<b>Technical Electives I</b>			
151227411	Communication Electronics	151228446	Microwave Devices and Antennas
151227420	Linear Control Systems	151228454	Network Synthesis
151227447	Intro.to Speech Recognition	151228492	Power Systems Analysis II
151227451	Semiconductor Devices	151228498	Fuzzy Logic
151227453	Electrical Machinery	151228516	Power Electronics Application
151227455	Introduction to Power Electronics	151228517	DSP Processors Fundamentals
151227457	Power Systems Analysis I	151228519	Stochastic Processes
151227495	Elec.Wave Propagation	151228521	Wireless Communication
151227620	Power Systems Quality	151228523	High Voltage Techniques
151227621	Digital Communication	1512278403	Electrical Power Distribution

151227625	Micro Controllers	151227409	PLC Automation Systems
151228301	Special Electrical Machinery	151227421	DSP Systems Design
151228421	Nonlinear Control Systems	151227425	Advanced Digital Design HDL
151228422	Digital Control Systems	151228402	Inner Electrical Installations App.
<b>Technical Electives II</b>			
151227465	Seminar in Electotechnology I	151228524	DSP Laboratory
151227493	Comm. Electronics Lab.	151228525	Basic Electrical Machinery Laboratory
151227624	Linear Control Systems Lab.	151227410	PLC Automation Systems Lab
151228466	Seminar in Electrotechnology II	151227422	DSP Systems Design Lab
151228495	Digital Control Laboratory	151227426	Advanced Digital Design HDL Lab.
151228499	Fuzzy Logic Laboratory		
<b>Social Electives I</b>		<b>Social Electives II</b>	
151221148	Introduction to EE I	151222149	Introduction to EE II
<b>Engineering S&amp;D Electives</b>			
151227600	Nonlinear System S&D	151227610	Microprocessor Based S&D
151227601	Pattern Classification S&D	151227611	Linear Systems S&D
151227602	Signals S&D	151227612	Digital Systems S&D
	Target Oriented C++ Prog. S&D	151227613	Signal Recognition S&D
151227605	Fuzzy Logic S&D	151227614	Programming S&D
151227606	Semiconductor S&D	151227615	Electronics Systems S&D
151227607	Computer Architectures S&D	151227616	Engineering S&D for Education
151227608	Robot Control S&D	151227618	Image Proces and Pattern Recog. S&D