



## COURSES OFFERED FOR ERASMUS INCOMING STUDENTS

**Department : Computer Engineering**  
**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
152111001	CALCULUS I	3	2	4	5
152111005	PHYSICS I	3	0	3	3
152111006	PHYSICS I LAB	0	2	1	2
152111007	CHEMISTRY	3	0	3	3
152111008	CHEMISTRY LAB.	0	2	1	2
152111010	INTRODUCTION TO PROGRAMMING	2	0	2	3
152111011	INTRODUCTION TO PROGRAMMING LAB.	0	2	1	2
152111012	INTRODUCTION TO COMPUTER ENGINEERING	2	0	2	3
152111013	ADVANCED READING AND WRITING	3	0	3	4
152113004	DIFFERENTIAL EQUATIONS	2	2	3	4
152113015	NUMERICAL METHODS	3	0	3	5
152115001	ADVANCED PROGRAMMING	3	0	3	6
152115005	PROBABILITY	3	0	3	4
152117003	DATA SECURITY	3	0	3	5
152117005	IMAGE PROCESSING	3	0	3	5
152117107	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	2	2	3	7
152117108	ADVANCED COMPUTER ARCHITECTURE	2	2	3	7

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
152112002	CALCULUS II	3	2	4	5
152112005	PHYSICS II	3	0	3	3
152112006	PHYSICS II LAB	0	2	1	2
152112010	COMPUTER PROGRAMMING	3	0	3	3
152112011	COMPUTER PROGRAMMING LAB.	0	2	1	2
152114004	FUNDAMENTALS OF ELECTRONICS	3	0	3	5
152114007	DIGITAL SYSTEMS II	3	0	3	4
152114008	DIGITAL SYSTEMS LAB.	0	2	1	2
152114010	GERMAN II	3	0	3	4
152114013	OBJECT ORIENTED PROGRAMMING II	3	0	3	5
152114014	OBJECT ORIENTED PROGRAMMING II	0	2	1	2



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**ESKİŞEHİR OSMANGAZI ÜNİVERSİTESİ**  
Mühendislik Mimarlık Fakültesi Dekanlığı

	LAB.				
152114015	ALGORITHMS AND COMPLEXITY	3	0	3	5
152116008	INTRODUCTION TO MICROCOMPUTERS	3	0	3	5
152116009	INTRODUCTION TO MICROCOMPUTERS LAB.	0	2	1	2
152116018	CAREER DEVELOPMENT&VOCATIONAL COUNSELING	3	0	3	4
152118001	PARALLEL PROGRAMMING	3	0	3	5
152118004	SYSTEMS ANALYSIS	3	0	3	5
152118030	WEB BASED TECHNOLOGIES	3	0	3	5
152118033	PATTERN RECOGNITION	2	2	3	7
152118034	INTRO. TO DATA MINING	3	0	3	5
152118035	NETWORK APPLICATIONS UE	3	0	3	5

**Department : Electric and Electronic Engineering**  
**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151221113	INTRODUCTION TO PROGRAMMING	2	0	2	3
151221132	EXPOSITORY WRITING	3	0	3	4
151221148	INTRODUCTION TO ELECTRICAL ENGINEERING I	1	0	0	1
151221195	CHEMISTRY	3	0	3	3
151221198	PHYSICS I	3	0	3	3
151221199	PHYSICS I LAB.	0	2	1	2
151221200	INTRODUCTION TO COMPUTERS	1	2	0	2
151221202	CALCULUS I	4	0	4	5
151221203	INTRODUCTION TO PROGRAMMING	2	2	3	5
151221204	INTRODUCTION TO ELECTRICAL&ELECTRONICS ENGINEERING	1	2	2	3
151223235	COMPLEX CALCULUS	3	0	3	5
151223237	BEGINNING FRENCH I	3	0	3	4
151223239	GERMAN I	3	0	3	4
151223241	CURR.ISSUES IN ENG.I(ELE)	3	0	3	4
151223242	THE SHORT STORY	3	0	3	4
151223554	INTRODUCTION TO ACCOUNTING	3	0	3	4
151223555	CIRCUIT ANALYSIS I	4	0	4	6
151223556	CIRCUITS LABORATORY	0	2	1	2
151223557	DIGITAL SYSTEMS I	4	0	4	7
151223558	ELECTROMAGNETICS I	3	0	3	5
151223559	ADVANCED CALCULUS	4	0	4	7



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151223560	PORTUGUESE I	3	0	3	4
151225335	ELECTRONICS I	3	0	3	5
151225343	INTERMEDIATE FRENCH I	3	0	3	4
151225350	NUMERICAL METHODS	3	0	3	5
151225393	INTRODUCTION TO MICROCOMPUTERS	3	0	3	6
151225394	PROBABILITY	3	0	3	4
151225397	SCIENCE AND SOCIETY	3	0	3	4
151225398	COMMUNICATION VIA PRINTED MEDIA	3	0	3	4
151225399	ENGINEERING MECHANICS	3	0	3	3
151225400	INTRODUCTION TO FINANCIAL MARKETS	3	0	3	4
151225402	INTRODUCTION TO MARKETING	3	0	3	4
151227006	NETWORK APPLICATIONS	3	0	3	5
151227409	PLC AUTOMATION SYSTEMS	3	0	3	5
151227410	PLC AUTOMATION SYSTEMS LAB.	0	2	1	2
151227411	COMMUNICATION ELECTRONICS	3	0	3	5
151227420	LINEAR CONTROL SYSTEMS	3	0	3	5
151227421	DSP SYSTEM DESIGN	3	0	3	5
151227422	DSP SYSTEM DESIGN LAB.	0	2	1	2
151227437	ECONOMICS	3	0	3	4
151227451	SEMICONDUCTOR DEVICES	3	0	3	5
151227453	ELECTRICAL MACHINERY	3	0	3	5
151227455	INTRODUCTION TO POWER ELECTRONICS	3	0	3	5
151227457	POWER SYSTEMS ANALYSIS I	3	0	3	5
151227493	COMMUNICATION ELECTRONICS LAB.	0	2	1	2
151227497	DIGITAL SIGNAL PROCESSING	3	0	3	5
151227522	INTRODUCTION TO IMAGE PROCESSING	3	0	3	5
151227621	DIGITAL COMMUNICATION	3	0	3	5
151227624	LINEAR CONTROL SYSTEM LABORATORY	0	2	1	2
151227629	INTRODUCTION TO PROJECT MANAGEMENT	2	0	2	5
151227629	INTRODUCTION TO PROJECT MANAGEMENT	2	0	2	5
151227630	DIGITAL COMMUNICATION LABORATORY	0	2	1	2



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**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151222126	ENGINEERING GRAPHICS	1	2	2	4
151222136	TECHNICAL WRITING	3	0	3	4
151222137	COMPUTER PROGRAMMING	2	2	3	5
151222148	LINEAR ALGEBRA	3	0	3	4
151222149	INTRODUCTION TO ELECTRICAL ENGINEERING II	1	0	0	1
151222197	CALCULUS II	3	2	4	5
151222198	PHYSICS II	3	0	3	3
151222199	PHYSICS II LAB	0	2	1	2
151224232	CIRCUIT ANALYSIS II	4	0	4	6
151224242	BEGINNING FRENCH II	3	0	3	4
151224243	CURR.ISSUES.IN ENG.II	3	0	3	4
151224244	GERMAN II	3	0	3	4
151224298	DIGITAL SYSTEMS LAB.	0	2	1	2
151224299	SYSTEMS AND SIGNALS	3	0	3	5
151224554	CULTURE AND SOCIAL CHANGE	3	0	3	4
151224555	DIGITAL SYSTEMS II	4	0	4	7
151224556	ELECTROMAGNETICS II	3	0	3	5
151226344	INTERMEDIATE FRENCH II	3	0	3	4
151226355	ADVANCED GRAMMAR	3	0	3	4
151226356	COMMUNICATIONS	3	0	3	6
151226357	ELECTRONICS LABORATORY	0	2	1	2
151226361	PRINCIPLES OF ENERGY CONVERSION	4	0	4	6
151226363	FUNDAMENTALS OF CONTROL SYSTEMS	3	0	3	6
151226364	CONTROL SYSTEMS LABORATORY	0	2	1	2
151226365	COMMUNICATION VIA ELECTRONIC MEDIA	3	0	3	4
151226366	ELECTRONICS II	3	0	3	5
151226367	COMMUNICATIONS LABORATORY	0	2	1	2
151226369	CAREER DEVELOPMENT AND VOCATIONAL COUNSELING	3	0	3	4
151226370	MARKETING RESEARCH AND DECISION MODELS	3	0	3	4
151226371	INTRODUCTION TO POLITICAL SOCIOLOGY	3	0	3	4
151228402	INNER ELECTRICAL INSTALLATION APPLICATION	3	0	3	5
151228404	ENGINEERING ETHICS	1	0	1	1
151228492	POWER SYSTEMS ANALYSIS II	3	0	3	5
151228498	FUZZY LOGIC	3	0	3	5
151228499	FUZZY LOGIC LABORATORY	0	2	1	2



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151228516	POWER ELECTRONICS APPLICATION	3	0	3	5
151228523	HIGH VOLTAGE TECHNIQUES	3	0	3	5
151228538	THE ENGINEER AND SOCIETY	3	0	3	4
151228539	ELECTRICAL ENGINEERING DESIGN	2	4	4	9

**Department : Industrial Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151315409	OPERATIONS RESEARCH I	3	0	3	5

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151314559	BASIC PROBABILITY AND STATISTICS	3	0	3	5
151314560	ERGONOMICS	2	2	5	5
151316360	QUALITY CONTROL	3	0	3	5
151316361	MATERIAL HANDLING SYSTEMS	2	0	2	3
151316362	SIMULATION	3	0	3	5
151316363	OPERATIONS RESEARCH II	3	0	3	5

**Department : Geological Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151513554	GENERAL MINERALOGY	3	2	4	5
151513555	PRINCIPLES OF STRATIGRAPHY	2	0	2	3
151515324	PETROGRAPHY OF IGNEOUS AND METAMORPHIC ROCKS	2	2	3	5
151515325	ROCK MECHANIC	2	2	3	4
151515326	VOLCANOLOGY	2	0	2	3
151517613	ENGINEERING GEOLOGY	3	0	3	4
151517614	SOIL INVESTIGATIONS	2	0	2	3

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151514560	OPTICAL MINERALOGY	2	0	3	5
151516326	MEDICAL GEOLOGY	2	0	2	3
151516327	SEDIMENTOLOGY	3	0	3	4
151516328	SOIL MECHANIC	3	0	3	4
151518528	SEDIMENTARY PETROGRAPHY	2	0	2	3



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**ESKİŞEHİR OSMANGAZI ÜNİVERSİTESİ**  
Mühendislik Mimarlık Fakültesi Dekanlığı

**Department : Chemical Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151613559	ANALİTİKAL CHEMİSTRY	3	0	3	4
151613560	CHEMİCAL PROCESS CALCULATION	4	0	4	6
151613561	PHYSİCAL CHEMİSTRY LABORATORY	0	2	1	3
151613562	PHYSİCAL CHEMİSTRY	3	0	3	4
151615413	MASS TRANSFER	3	0	3	5
151615414	HEAT TRANSFER	3	0	3	5
151617649	COMPOSITE AND BIOMATERIALS	3	0	3	4
151617650	CHEMİCAL ENGINEERING LABORATORY II	0	4	2	5

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151614559	FLUIDS MECHANİCS	4	0	4	6
151616370	CHEMİCAL ENGINEERING LABORATORY I	0	2	1	3
151616371	CHEMİCAL REACTION ENGINEERING	3	0	3	4
151618565	CHEMİCAL ENGINEERING LABORATORY III	0	4	2	5

**Department : Mining Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151711204	CHEMISTRY	3	0	3	3
151715340	MINERAL PROCESSING II	3	2	4	6
151715341	MINING SUPPORT	4	0	4	6
151717448	MINING MACHINES	2	0	2	3

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151714235	MINERAL PROCESSING I	3	2	4	6
151714236	UNDERGROUND MINING METH.	3	0	3	4
151716343	MINERAL PROCESING III	3	2	4	6
151716344	METALLURGY	2	0	2	3
151718445	EXCAVATION MACH.AND MECH.	3	0	3	5



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**Department : Machine Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151811202	PHYSICS I	3	0	3	3
151811203	PHYSICS I LAB.	0	2	1	2
151811204	CHEMISTRY	3	0	3	3
151811205	CHEMISTRY LAB.	0	2	1	2
151811206	CALCULUS I	3	2	4	5
151811210	TECHNICAL ENGLISH	3	0	3	3
151813553	DIFFERENTIAL EQUATIONS	2	2	3	5
151813555	FUNDAMENTALS OF ELECTRIC & ELECTRONICS	3	0	3	4
151815346	FLUID MECHANICS	3	0	3	5
151815354	READING AND SPEAKING IN A FOREIGN LANGUAGE	2	0	2	2
151815355	ENGINEERING THERMODYNAMICS II	3	0	3	6
151815356	MECHANISM DESIGN	3	0	3	6

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151812201	PHYSICS II	3	0	3	3
151812202	PHYSICS II LAB.	0	2	1	2
151812204	BASIC COMPUTER SCIENCE	2	2	3	4
151812206	CALCULUS II	3	2	4	6
151812208	EXPOSITORY WRITING	2	0	2	3
151814244	ENGINEERING THERMODYNAMICS I	3	0	3	5
151814554	NUMERICAL ANALYSIS	3	0	3	4
151816354	BUSINESS ENGLISH	2	0	2	2
151816355	CONTROL SYSTEMS	3	0	3	7
151816356	HEAT TRANSFER	3	0	3	7
151818497	THERMAL ANALYSIS II	3	0	3	5

**Department : Metallurgical and Materials Engineering**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151913565	MATERIALS I	3	0	3	5
151913566	METALLURGICAL THERMODYNAMICS I	3	0	3	5
151917626	CORROSION	3	0	3	5
151917627	POLYMER MATERIALS AND DESIGN (TASARIM SEÇMELİ I)	3	0	3	5



**T.C.**  
**ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ**  
Mühendislik Mimarlık Fakültesi Dekanlığı

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
151912197	PHYSICAL CHEMISTRY	3	0	3	6
151914559	MATERIALS II	3	0	3	5
151914560	METALLURGICAL THERMODYNAMICS II	3	0	3	5
151916339	POLYMER MATERIALS	3	0	3	4

**Department : Architecture**

**Term : Fall**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
152011203	INTRODUCTION TO ARCHITECTURE 121	3	0	3	3
152011204	VISUAL AND GRAPHIC COMMUNICATION 151	1	4	3	5
152011207	ADVANCED READING AND WRITING I	2	0	0	2
152013554	HISTORY OF ART AND ARCHITECTURE 221	3	0	3	4
152013555	BUILDING SCIENCE AND TECHNOLOGY 251	2	2	3	6
152015338	THEORIES OF ARCHITECTURE 321	3	0	3	4
152015339	BUILDING PHYSICS 351	2	2	3	5
152015347	TECHNICAL ENGLISH I	2	0	0	2

**Term : Spring**

Course Code	Course Name	Theory	Practice	Local Credit	ECTS
152012203	INTRODUCTION TO ARCHITECTURE 122	3	0	3	3
152012204	BUILDING SCIENCE AND TECHNOLOGY 152	2	4	4	6
152012206	ADVANCED READING AND WRITING II	2	0	0	2
152014554	HISTORY OF ARCHITECTURE 222	3	0	3	4
152014555	BUILDING SCIENCE AND TECHNOLOGY 252	2	2	3	6