

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT/FACULTY OF ENGINEERING AND NATURAL SCIENCES/ Courses taught in English for Bachelor Degree

Dep.	Lecturers	Codes	Courses	ECTS	Term
EEE	Distance learning	AIIT-101	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	F
EEE	Distance learning	TUR-101	TURKISH LANGUAGE I	2	F
EEE	Distance learning	ING-103	ENGLISH I	3	F
EEE	Distance learning	TOY-101	TECHNOLOGY LITERACY	2	F
EEE	Assist.Prof.Dr. Inayet Derin	MAT-1143	MATHEMATICS I	4	F
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	MUH-1101	PHYSICS FOR ENGINEERS I	4	F
EEE	Assist.Prof.Dr. Inayet Derin	EEM-1115	ELECTRICAL & ELECTRONIC ENG. MATH I	3	F
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-1111	INT. TO ELECTRICAL & ELECTRONIC ENG.	5	F
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-1163	PROGRAMMING LANGUAGES I	5	F
EEE	Distance learning	Aiit-201	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2	S
EEE	Distance learning	TUR-201	TURKISH LANGUAGE II	2	S
EEE	Distance learning	İNG-203	ENGLISH II	3	S
EEE	Distance learning	YOG-201	INNOVATION AND ENTREPRENEURSHIP	2	S
EEE	Assist.Prof.Dr. Inayet Derin	MAT-1244	MATHEMATICS II	4	S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	MUH-1202	PHYSICS FOR ENGINEERS II	4	S
EEE	Assist.Prof.Dr. Inayet Derin	EEM-1216	VECTORS AND COMPLEX FUNCTIONS	5	S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-1262	PROGRAMMING LANGUAGES 2	5	S
EEE	Assist.Prof.Dr. Tuba Kıran	EEM-1264	GENERAL CHEMISTRY	3	S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	ANG-301	HOMELAND SECURITY	2	F
EEE	Assist.Prof.Dr.Oguzhan Akgöl	MUH-2333	TECHNICAL ENGLISH	3	F
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-2301	CIRCUIT ANALYSIS I	5	F
EEE	Assist.Prof.Dr.Murat Furat	EEM-2311	FUNDAMENTAL CIRCUIT APPLICATIONS I	3	F
EEE	Assist.Prof.Dr. Inayet Derin	EEM-2305	ELECTRICAL & ELECTRONIC ENG. MATH II	5	F
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-2303	ELECTROMAGNETIC I	5	F
EEE	Assist.Prof.Dr.Selva Çürük	EEM-2315	PROBABILITY THEORY	3	F
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-2307	NUMERICAL DESIGN I	4	F
EEE	Prof.Dr. Eyüphan Yakıncı	İSG-401	OCCUPATIONAL HEALTH AND SAFETY	2	S
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-2402	CIRCUIT ANALYSIS I	5	S
EEE	Assist.Prof.Dr.Murat Furat	EEM-2412	FUNDAMENTAL CIRCUIT APPLICATIONS II	3	S
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-2404	ELECTROMAGNETIC II	5	S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-2406	NUMERICAL DESIGN II	4	S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-2416	NUMERICAL DESIGN AND APPLICATIONS	3	S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-2418	SIGNALS AND SYSTEMS	4	S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-2420	SOLID STATE ELECTRONICS	4	S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	ETK-501	ETHICS	2	F
EEE	Assist.Prof.Dr.Selva Çürük	EEM-3517	ANALOG COMMUNICATION	4	F
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-3505	ELECTRICAL MACHINES I	5	F
EEE	Assist.Prof.Dr.Melikşah Özakürk	EEM-3521	ELECTRICAL FACILITIES	4	F
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-3507	ELECTROMAGNETIC WAVES	4	F
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-3501	ELECTRONIC CIRCUIT DEVICES I	4	F
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-3511	FUNDAMENTAL ELECTRONIC APPL. I	3	F
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-3509	MICROPROCESSORS	4	F
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	ÜEK-601	PARTICIPATION IN UNIVERSITY ACTIVITIES	2	S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-3606	ELECTRICAL MACHINES 2	5	S
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-3602	ELECTRONIC CIRCUIT DEVICES 2	5	S
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-3612	FUND. ELECTRONIC APPLICATIONS 2	3	S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-3616	INDUSTRIAL ELECTRONIC	4	S
EEE	Assist.Prof.Dr.Murat Furat	EEM-3618	AUTOMATIC CONTROL	4	S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-3620	NUMERICAL COMMUNICATION	4	S
EEE	Assist.Prof.Dr.Melikşah Özakürk	EEM-3622	HIGH VOLTAGE TECHNIQUE	3	S
EEE	Department Lecturers	EEM-4800	INTERNSHIP	5	S
EEE	Department Lecturers	EEM-4898	GRADUATION PROJECT	5	F/S
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-4733	ANALOG INTEGRATED CIRCUITS	5	F/S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-4751	COMPUTER ARCHITECTURE	5	F/S
EEE	Assist.Prof.Dr.Melikşah Özakürk	EEM-4763	PRODUCTION OF ELECTRICAL ENERGY	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4757	NUMERICAL METHODS IN ELECTROMAGNETICS	5	F/S
EEE	Assist.Prof.Dr.Melikşah Özakürk	EEM-4765	STABILITY OF POWER SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-4777	CIRCUITS OF COMMUNICATION ELECTRONICS	5	F/S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-4735	WIRELESS COMMUNICATION I	5	F/S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-4719	MICROCONTROLLER AND APPLICATIONS	5	F/S

EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4747	INTRODUCTION TO MICROWAVE ENG.	5	F/S
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-4703	MICROWAVES	5	F/S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-4769	OBJECT-ORIENTED PROGRAMMING	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4759	SPECIAL ELECTRIC MACHINES I	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4749	SPECIAL TOPICS I	5	F/S
EEE	Inst. Metin Sevinçli	EEM-4715	PROGRAMMABLE LOGIC CONTROLLERS I	5	F/S
EEE	Assist.Prof.Dr.Murat Furat	EEM-4761	PROCESS CONTROL	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4773	RADIO AND TELEVISION SYSTEMS	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4721	RF TECHIQUE	5	F/S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-4771	DIGITAL SIGNAL PROCESSING	5	F/S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4779	NUMERICAL SYSTEM DESIGN	5	F/S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4767	FUNDAMENTAL COMMUNICATION SYSTEM DESIGN AND APPLICATIONS	5	F/S
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-4727	MEDICAL ELECTRONICS	5	F/S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-4775	SATELLITE COMMUNICATION	5	F/S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-4745	ARTIFICIAL NEURAL NETWORKS	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4743	RENEWABLE ENERGY SOURCES	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4753	RENEWABLE ENERGY SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Vedat Özkaner	EEM-4824	ANALOG FILTERS	5	F/S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4858	ANTENNA DESIGN	5	F/S
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-4804	ANTENNAS AND PROPAGATION	5	F/S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-4862	COMPUTER AIDED CIRCUIT DESIGN	5	F/S
EEE	Department Lecturers	EEM-4898	GRADUATION PROJECT	5	F/S
EEE	Assist.Prof.Dr.Melikşah Özaktürk	EEM-4874	ELECTRICAL ENERGY DISTRIBUTION	5	F/S
EEE	Assist.Prof.Dr.Murat Furat	EEM-4886	ELECTRICAL DRIVER SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Melikşah Özaktürk	EEM-4880	PROTECTION TECHNIQUES IN ELECTRICAL FACILITIES	5	F/S
EEE	Assist.Prof.Dr.Murat Furat	EEM-4878	INDUSTRIAL CONTROL SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Melikşah Özaktürk	EEM-4872	ENERGY TRANSMISSION SYSTEMS	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4868	FIBER OPTIC AND APPLICATIONS	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4892	FIBER OPTIC COMMUNICATION SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4822	POWER ELECTRONICS	5	F/S
EEE	Assist.Prof.Dr.Murat Furat	EEM-4876	CONTROL AND COMMUNICATION IN POWER SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-4888	COMMUNICATION NETWORKS	5	F/S
EEE	Assist.Prof.Dr.Selva Çürük	EEM-4840	WIRELESS COMMUNICATION II	5	F/S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-4882	MICROELECTRONIC ANALOGUE CIRCUIT DESIGN	5	F/S
EEE	Assist.Prof.Dr.Ersin Özdemir	EEM-4884	MICROPROCESSOR SYSTEM DESIGN	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4860	SPECIAL ELECTRIC MACHINES II	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4850	SPECIAL TOPICS II	5	F/S
EEE	Inst. Metin Sevinçli	EEM-4834	PROGRAMMABLE LOGIC CONTROLLERS II	5	F/S
EEE	Assoc.Prof.Dr. Emin Ünal	EEM-4890	RADAR SYSTEMS	5	F/S
EEE	Assist.Prof.Dr.Oguzhan Akgöl	EEM-4870	ROBOTIC	5	F/S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-4866	FUNDAMENTALS OF MEDICAL IMAGING	5	F/S
EEE	Assoc.Prof.Dr. Yakup Hameş	EEM-4852	TV TECHNIQUE	5	F/S
EEE	Assist.Prof.Dr.Merve Özdemir	EEM-4894	DATA COMMUNICATION	5	F/S
EEE	Assist.Prof.Dr. Ersin Özdemir	EEM-4864	ARTIFICIAL INTELLIGENCE AND APPL.	5	F/S
EEE	Assoc.Prof.Dr.Muharrem Karaaslan	EEM-4755	SENSORS AND ACTUATORS	5	F/S

EEE: ELECTRICAL AND ELECTRONICS ENGINEERING

F: Fall

S: Spring