

CMP	Can be taken as CMP by any student. Typical computer engineering courses suitable for students with little or no computer background.
CMP*	Advanced and specific computer engineering courses for students with sufficient computer background.
CON	Can be taken as CON by any student. Typical control courses suitable for students with little or no control background.
CON*	Advanced and specific control courses for students with sufficient control background.
OR	Can be taken as OR by any student. Typical operational research courses suitable for students with little or no OR background.
OR*	Advanced and specific OR courses for students with sufficient OR background.

Code.Sec	Name	Instructor	Category
SCO 581.01	SP.TP.COMPUTER AIDED APP.OF AUTOMATIC CONTROL SYS.DESIGN	LEVENT TURAN	CON*
SCO 591.01	SL.TP.:NON-LINEAR DYNAMICS&CHAOS	YAĞMUR DENİZHAN	CON*
CMPE436.01	CONCURRENT&DISTRIBUTED PROGRAMMING	MEHMET ALPER ŞEN	CMP*
CMPE443.01	PRINCIPLES OF EMBEDDED SYSTEMS DESIGN	ARDA YURDAKUL	CMP
CMPE475.01	COMPUTER NETWORKS	CEM ERSOY	CMP
CMPE478.01	PARALLEL PROCESSING	CAN ÖZTURAN	
CMPE480.01	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	EMRE UĞUR	CMP
CMPE483.01	SP.TP.BLOCKCHAIN PROGRAMMING	CAN ÖZTURAN	
CMPE487.01	SP.TP.APPLIED COMPUTER NETWORKS	EREN SOYAK	
CMPE493.01	SP.TP.INTRODUCTION TO INFORMATION RETRI.	ARZUCAN ÖZGÜR	CMP
CMPE494.01	SP.TP.INFORMATION SECURITY	FATMA BAŞAK AYDEMİR	
CMPE49F.01	SP.TP.INTRO.TO SATELLITE SPACE NETWORK	FATİH ALAGÖZ	CMP
CMPE49G.01	SP.TP.FUNDA.OF PART.-BASED SIMU.	HÜSEYİN BİRKAN YILMAZ	
CMPE524.01	COMPUTER NETWORK DESIGN	CEM ERSOY	CMP*
CMPE530.01	MATHEMATICAL FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	SADIK FİKRET GÜRGEN	CMP
CMPE537.01	COMPUTER VISION	LALE AKARUN	
CMPE544.01	PATTERN RECOGNITION	İNCİ MELİHA BAYTAŞ	CMP
CMPE549.01	BIOINFORMATICS	ARZUCAN ÖZGÜR	
CMPE561.01	NATURAL LANGUAGE PROCESSING	TUNGA GÜNGÖR	
CMPE581.01	SP.TOP:COM.ENG.FOR MOB./WIRELESS NETWORK	FATİH ALAGÖZ	CMP*
CMPE585.01	SP.TP. INTERNET OF THINGS	ARDA YURDAKUL	
CMPE587.01	SP.TP.HOW TO GENERATE (ALMOST) ANYTHING	PINAR YANARDAĞ	

CMPE588.01	SP.TP.TESTING&VERIFICATION TECH.FOR MACHINE LEARNING	MEHMET ALPER ŞEN	
CMPE58D.01	SP.TOP.IN CMPE:REQUIREMENTS ENGINEERING	FATMA BAŞAK AYDEMİR	
CMPE58H.01	SP.TOP.CMPE:SOCIAL SEMANTIC WEB	SUZAN ÜSKÜDARLI	CMP*
CMPE595.01	SP.TOP.IN CMPE:COMPLEXITY THEORY	CEM SAY	
CMPE598.01	SP.TOP.IN CMPE:QUANTUM ALGORITHMS	CEM SAY	CMP*
CMPE59G.01	SP.TP.NANONETWORKING	TUNA TUĞCU	
CMPE59U.01	SP.TP.HARDWARE SECURITY & TRUST	MAHDI FAZELI	
EE 433.01	COMMUNICATION ELECTRONICS	AHMET ÖNCÜ	
EE 437.01	OP. AMPS & APPLICATIONS	YASEMİN KAHYA	
EE 443.01	MICROPROCESSORS	ŞENOL MUTLU	
EE 450.01	CONTROL TECHNOLOGY & DESIGN	KEMAL CILIZ	CON
EE 451.01	INTRODUCTION TO ROBOT CONTROL	IŞIL BOZMA	CON*
EE 453.01	LINEAR SYSTEM THEORY	KADRİ ÖZÇALDIRAN	CON
EE 463.01	ANTENNA THEORY AND DESIGN FOR WIRELESS COMMUNICATIONS	SEMA DUMANLI OKTAR	
EE 473.01	INTRODUCTION TO DIGITAL SIGNAL PROCESSIN	LEVENT ARSLAN	CMP*
EE 475.01	INTRODUCTION TO IMAGE PROCESSING	BÜLENT SANKUR	CMP*
EE 477.01	INTRODUCTION TO DIGITAL COMMUNICATIONS	MUTLU KOCA	
EE 489.01	SP.TP.HEAL. EFFECTS OF EM FIELDS ON HUM.	SELİM ŞEKER	
EE 535.01	INTRODUCTION TO MICROELECTROMECHANICAL SYSTEMS	ŞENOL MUTLU	
EE 537.01	INTRODUCTION TO VLSI DESIGN	GÜNHAN DÜNDAR	
EE 540.01	ADVANCED DIGITAL DESIGN	İSMAİL FAİK BAŞKAYA	
EE 552.01	DIGITAL CONTROL	MEHMET AKAR	CON
EE 562.01	MICROWAVES	AVNİ MORGÜL	
EE 570.01	SUBSPACE METHOHDS IN SIGNAL ANALYSIS	AYŞIN ERTÜZÜN	
EE 573.01	PATTERN RECOGNITION	IŞIL BOZMA	
EE 577.01	STATISTICAL SIGNAL ANALYSIS	HAKAN DELİÇ	
EE 581.01	SP.TP.NETWORK SECURITY AND CRYPTOGRAPHY	EMİN ANARIM	
EE 58F.01	SP.TOP.:DECENTRALIZED CONTROL&DECISION M	MEHMET AKAR	CON*
EE 631.01	ADVANCED ELECTRONIC CIRCUITS	GÜNHAN DÜNDAR	
EE 633.01	COMPUTATIONAL ASPECTS OF VLSI	İSMAİL FAİK BAŞKAYA	
EE 635.01	THEORY OF ELECTRON DEVICES	ARDA YALÇINKAYA	
EE 639.01	CURRENT MODE CIRCUITS	OĞUZHAN ÇİÇEKOĞLU	
EE 644.01	ERROR CONTROL CODING	ALİ EMRE PUSANE	

EE 664.01	ANTENNA THEORY	SEMA DUMANLI OKTAR	
EE 671.01	INFORMATION THEORY	HAKAN DELİÇ	
EE 677.01	DETECTION AND ESTIMATION THEORY	EMİN ANARIM	
EE 689.01	SP.TP.DEEP LEARNING NEURAL NETWORKS	MURAT SARAÇLAR	
IE 423.01	QUALITY ENGINEERING	KÖNÜL BAYRAMOĞLU KAVLAK	
IE 430.01	ERGONOMICS&HUMAN FACTORS ENGINEERING	MAHMUT EKŞİOĞLU	
IE 440.01	NONLINEAR MODELS IN OPERATIONS RESEARCH	KUBAN ALTINEL	OR*
IE 450.01	STOCHASTIC MODELS IN OPERATIONS RESEARCH	REFİK GÜLLÜ	OR*
IE 456.01	GRAPH ALGORITHMS & APPLICATIONS	TINAZ EKİM AŞICI	
IE 486.01	SP.TOP.:FLEXIBLE MANUFACTURING	ÜMİT BİLGE	OR
IE 48B.01	SP.TP.IN TIME SERIES ANALYTICS	MUSTAFA GÖKÇE BAYDOĞAN	
IE 498.01	SP.TOP.RISK ASSESSMENT & ANALYSIS	İLHAN OR	OR
IE 501.01	OPTIMIZATION TECHNIQUES I	KUBAN ALTINEL	OR*
IE 505.01	STOCHASTIC PROCESSES AND APPLICATIONS	AYBEK KORUGAN	OR*
IE 515.01	GRAPHS AND NETWORK FLOWS	ZEKİ CANER TAŞKIN	
IE 520.01	QUALITY MANAGEMENT	ALİ RIZA KAYLAN	
IE 582.01	SP.TP.STATISTICAL LEARN.FOR DATA MINING	MUSTAFA GÖKÇE BAYDOĞAN	
IE 585.01	SP.TP.MACHINE LEARNING & OPTIMIZATION	FİGEN ÖZTOPRAK TOPKAYA	OR*
IE 588.01	SP.TP.: AGENT BASED MODELING&SIMULATION	GÖNENÇ YÜCEL	CMP*
IE 594.01	SP.TP.APPS OF INV.THEORY&SUPP.CHAIN	REFİK GÜLLÜ	
ME 411.01	MATERIALS ENGINEERING	GÜLİN VARDAR	
ME 424.01	MACHINE DESIGN II	SERTAN ALKAN	
ME 429.01	MECHANICAL & THERMAL DESIGN	ÇETİN YILMAZ	
ME 446.01	APPLIED SOLID MECHANICS	CAN AYDINER	
ME 466.01	THERMODYNAMICS II	FATMA NAZLI DÖNMEZER	
ME 478.01	DESIGN OF THERMAL SYSTEMS	HAKAN ERTÜRK	
ME 483.01	SP.TOP.PRODUCT DESIGN AND DEV.	SABRİ ALTINTAŞ	
ME 501.01	ADVANCED ENGINEERING MATHEMATICS I	FATMA NAZLI DÖNMEZER	
ME 503.01	MECHANICS OF CONTINUA I	AKIN TEZEL	
ME 511.01	PRINCIPLES OF MAT.SCIENCE&ENG.	GÜLİN VARDAR	

ME 523.01	ELASTICITY	GÜNAY ANLAŞ	
ME 537.01	STATE SPACE CONTROL THEORY	SİNAN ÖNCÜ	CON
ME 551.01	ADVANCED FLUID MECHANICS	KUNT ATALIK	
ME 560.01	ADVANCED THERMODYNAMICS	HASAN BEDİR	
ME 561.01	CONDUCTION HEAT TRANSFER	HAKAN ERTÜRK	