

College	Subject	Catalog Nbr	Title
ENG	A E	200	Statics
ENG	A E	220	Dynamics
ENG	A E	260	Progrmg & Numrical Mthds
ENG	A E	280	Methods of Analysis
ENG	A E	301	Low Speed Aerodynamics
ENG	A E	302	High Speed Aerodynamics
ENG	A E	303	Experimental Aerodynamics
ENG	A E	310	Aerospace Structural Mech
ENG	A E	320	Astroynamics
ENG	A E	331	Feedback Flight Control
ENG	A E	340	Fluid Mechanics
ENG	A E	341	Fluid Mechanics Lab
ENG	A E	403	Aero Engr Senior Project
ENG	A E	460B	Aerosp Engr Applications
ENG	A E	499	Special Study
ENG	A E	510	F E M in Aero Structures
ENG	A E	515	Methods of Analysis
ENG	A E	520	Spacecraft Attitude Dynam
ENG	A E	530	Rocket & Space Propulsion
ENG	A E	596	Advanced Aero Engr Topics
ENG	A E	611	Vibratn of Elastic Solids
ENG	A E	612	Compressible Fluid Flow
ENG	A E	620	Incomp Aerodynamics
ENG	A E	651	Thry of Elastic Stability
ENG	A E	670	Optimal Control
ENG	A E	797	Research
ENG	A E	798	Special Study
ENG	A E	799A	Thesis
ENG	A E	799B	Thesis Extension
ENG	A E	799C	Comprehensive Exam
ENG	CIV E	121	Comp Graphics Built Envir
ENG	CIV E	160	Stat Meth Built Environ
ENG	CIV E	218	Survey Civ Eng & Constrct
ENG	CIV E	225	Mechanics for Civil Engin
ENG	CIV E	301	Intro to Solid Mechanics
ENG	CIV E	302	Solid Mechanics Lab
ENG	CIV E	321	Structural Analysis I
ENG	CIV E	401	Civil Engin and Society
ENG	CIV E	421	Reinforced Concrete Desgn
ENG	CIV E	444	Applied Hydraulics
ENG	CIV E	462	Geotechnical Engineering
ENG	CIV E	463	Geotechnical Engr Lab
ENG	CIV E	465	Found Engr Earth Ret Str
ENG	CIV E	481	Transportion Engineering
ENG	CIV E	482	Highway Engineering

ENG	CIV E	495	Capstone Design Project
ENG	CIV E	499	Special Study
ENG	CIV E	523	Design Light Framed Struc
ENG	CIV E	530	Open Channel Hydraulics
ENG	CIV E	580	Traffic Engineerng Design
ENG	CIV E	608	Earthquake Engineering
ENG	CIV E	621	Transport Demand Analysis
ENG	CIV E	631	Spatial Hydrology
ENG	CIV E	642	Gw Seepage & Earth Dams
ENG	CIV E	696	Build Info Modeling
ENG	CIV E	730	Adv Topics in Water Engr
ENG	CIV E	781	Sem Transportation Engrg
ENG	CIV E	797	Independent Research
ENG	CIV E	798	Special Study
ENG	CIV E	799A	Thesis or Project
ENG	CIV E	799B	Thesis or Project Exten
ENG	COMPE	160	Intro to Computer Prog
ENG	COMPE	260	Data Structures OOP C++
ENG	COMPE	270	Digital Systems
ENG	COMPE	271	Computer Organization
ENG	COMPE	361	Windows Programming
ENG	COMPE	375	Embedded Syst Programming
ENG	COMPE	470	Digital Circuits
ENG	COMPE	470L	Digital Logic Laboratory
ENG	COMPE	475	Microprocessors
ENG	COMPE	491	Senior Design Project-A
ENG	COMPE	492	Senior Design Project-B
ENG	COMPE	499	Special Study
ENG	COMPE	560	Computer & Data Networks
ENG	COMPE	561	Database and Web Progrmng
ENG	COMPE	565	Multimedia Comm Systems
ENG	COMPE	571	Embedded Operating Sys
ENG	COMPE	572	Vlsi Circuit Design
ENG	COMPE	596	Machn Lrning for Engrng
ENG	COMPE	596	Cyber-Physical Systems
ENG	CON E	101	Construction & Culture
ENG	CON E	201	Constr Concepts & Codes
ENG	CON E	280	Construction Methods
ENG	CON E	330	Princ of Engin Economy
ENG	CON E	340	Analysis/Dsgn Constr Ops
ENG	CON E	401	Constr Planning & Sched
ENG	CON E	479	Construction Materials
ENG	CON E	480	Design of Temp Structures
ENG	CON E	499	Special Study
ENG	CON E	520	Environ Conscious Constr
ENG	CON E	590	Construction Mgmt/Safety
ENG	CON E	650	Constr Labor Product

ENG	E E	200	Analytical Methods for E E
ENG	E E	204	Princ Electrical Engr
ENG	E E	210	Circuit Analysis I
ENG	E E	296	Electric Circuit Lab
ENG	E E	300	Comp & Stat Meth for E E
ENG	E E	310	Circuit Analysis II
ENG	E E	330	Fund of Engr Electronics
ENG	E E	330L	Engr Electronics Lab
ENG	E E	340	Electric & Magnetic Field
ENG	E E	380	Electrical Energy Conver
ENG	E E	380L	Elec Energy Convers Lab
ENG	E E	397	Discussion: E E 310
ENG	E E	397	Discussion: Compe 496
ENG	E E	397	Discussion: E E 496
ENG	E E	397	Discussion: COMPE 491
ENG	E E	397	Discussion: E E 491
ENG	E E	397	Discussion: COMPE 492
ENG	E E	397	Discussion: E E 492
ENG	E E	410	Signals and Systems
ENG	E E	420	Feedback Control Systems
ENG	E E	420L	Control Systems Lab
ENG	E E	430	Analysis&Des of Elec Circ
ENG	E E	430L	Electronic Circuits Lab
ENG	E E	439	Instrumentation Circuits
ENG	E E	440	Electromagnetic Waves
ENG	E E	450	Digital Signal Processing
ENG	E E	455	Antenna Theory and Design
ENG	E E	458	Analog & Pulse Comm Syst
ENG	E E	458L	Communication & Dsp Lab
ENG	E E	483	Power Distribution Syst
ENG	E E	491	Senior Design A
ENG	E E	492	Senior Design B
ENG	E E	495	Internship
ENG	E E	499	Special Study
ENG	E E	502	Electronic Devices Rehab
ENG	E E	522	Digital Control Sys
ENG	E E	530	Analog Integrated Ckt Des
ENG	E E	581	Power System Dynamics
ENG	E E	596	Neuromorphic Computing
ENG	E E	603	Engineering Optimization
ENG	E E	634	Rf Circuit Design
ENG	E E	641	Rf Wireless Systems
ENG	E E	652	Prin & App of Info Theory
ENG	E E	658	Adv Dgtl Signal Processng
ENG	E E	665	Multimedia Wireless Net
ENG	E E	670	Digital Asic Design
ENG	E E	740	Adv Topics Physical Elect

ENG	E E	795	Internship / Practicum
ENG	E E	797	Research
ENG	E E	798	Special Study
ENG	E E	799A	Thesis or Project
ENG	E E	799B	Thesis or Project Exten
ENG	ENGR	798	Special Study
ENG	ENGR	799A	Project
ENG	ENGR	897	Doctoral Research
ENG	ENGR	898	Doctoral Special Study
ENG	ENGR	899	Doctoral Dissertation
ENG	ENV E	101	Environmental Engr Sem
ENG	ENV E	320	Design Solut for Env Prob
ENG	ENV E	355	Environmental Engineering
ENG	ENV E	356	Env Chemistry for Engrs
ENG	ENV E	363	Environmental Engr Lab
ENG	ENV E	445	Water & Wastewater Trtmnt
ENG	ENV E	499	Special Study
ENG	ENV E	556	Air Pollution Engineering
ENG	ENV E	558	Solid & Hazard Waste Engr
ENG	ENV E	645	Aquatic Chem Envir Engrs
ENG	ENV E	797	Independent Research
ENG	ENV E	798	Special Study
ENG	ENV E	799A	Thesis or Project
ENG	ENV E	799B	Thesis or Project Exten
ENG	M E	190	Computer-Aided Design
ENG	M E	200	Statics
ENG	M E	202	Computer Prog Application
ENG	M E	220	Dynamics
ENG	M E	230	Mechatronics
ENG	M E	240	Intro to Eng Materials
ENG	M E	241	Materials Laboratory
ENG	M E	304	Mechanics of Materials
ENG	M E	314	Engr Design:Mech Compon
ENG	M E	330	Mechatronics Laboratory
ENG	M E	350	Thermodynamics
ENG	M E	360	Fluids Engineering
ENG	M E	430	System Modelng & Analysis
ENG	M E	450	Applicatns Thermodynamics
ENG	M E	452	Princ of Heat Transfer
ENG	M E	490A	Engr Design Senior Proj
ENG	M E	490B	Engr Design Senior Proj
ENG	M E	495	Mech & Thermal Sys Lab
ENG	M E	499	Special Study
ENG	M E	530	Automatic Control Systems
ENG	M E	540	Mechanics of Polymers
ENG	M E	555	Enrgy& Thrm Sys Anal/Dsgn
ENG	M E	556	Solar Energy Conversion

ENG	M E	582	Intro to Nanobiotechnology
ENG	M E	585	Fund Micro Elect Mech Sys
ENG	M E	596	Scalable Manufact Tech
ENG	M E	596	Engineering Sensor Tech
ENG	M E	610	Finite Element Methods
ENG	M E	640	Nanomaterials
ENG	M E	646	Mechanics of Sintering
ENG	M E	656	Conduct Heat Transfer
ENG	M E	681	Biomaterials
ENG	M E	696	Multiphase Flows
ENG	M E	696	Autonomous Vehicles
ENG	M E	696	Intro to Mcro/Nanofluidcs
ENG	M E	696	Mech of Smart Materials
ENG	M E	797	Research
ENG	M E	798	Special Study
ENG	M E	799A	Thesis or Project
ENG	M E	799B	Thesis or Project Exten
ENG	M E	799C	Comprehensive Exam