

YEAR TERM		MAJOR					MAJOR/CORE		TOTAL CREDITS
YEAR 1	FALL	ETCS 105 CAREER DISCOVERY 2			MATH 170 CALCULUS I 4 Pre-Req: Placement Exam or TMAT 155, MATH 136 or MATH 141	PHYS 170 GENERAL PHYSICS I 4 Co-Req: MATH 170	FCWR 101* FOUNDATIONS OF COLLEGE COMPOSITION 3 Pre-Req: Placement or WRIT 100	FCIQ 101 FOUNDATIONS OF INQUIRY 3	16
	SPRING		CSCI 125 COMPUTER PROGRAMMING I 3 Co-Req: MATH 141 or higher	MATH 180 CALCULUS II 4 Pre-Req: MATH 170	PHYS 180 GENERAL PHYSICS II 4 Pre-Req: PHYS 170; Co-Req: MATH 180	FCWR 151* FOUNDATIONS OF RESEARCH WRITING 3 Pre-Req: FCWR 101	FCSC 101 FOUNDATIONS OF SCIENTIFIC PROCESS 3	17	
YEAR 2	FALL	EENG 125 FUNDAMENTALS OF DIGITAL LOGIC 3	EENG 212 ELECTRICAL CIRCUITS I AND ENGINEERING TOOLS 4 Pre-Req: PHYS 180 and MATH 180; Co-Req: MATH 260	CSCI 185 COMPUTER PROGRAMMING II 3 Pre-Req: CSCI 125	MATH 260 CALCULUS III 4 Pre-Req: MATH 180			FCSP 105 FOUNDATIONS OF SPEECH COMMUNICATION 3	17
	SPRING	EENG 270 INTRODUCTION TO ELECTRONICS CIRCUITS 3 Pre-Req: EENG 212	EENG 281 ELECTRICAL CIRCUITS II 3 Pre-Req: EENG 211 or EENG 212, CSCI 185; Co-Req: MATH 320	EENG 275 ELECTRONICS LAB I 1 Pre-Req: EENG 211 or EENG 212 or EENG 221, and FCWR 101	CSCI 155 COMPUTER ORGANIZATION AND ARCHITECTURE 3 Pre-Req: CSCI 125, CSCI 135 and MATH 161 or MATH 170	CSCI 235 ELEMENTS OF DISCRETE STRUCTURES 3 Pre-Req: CSCI 185, and MATH 161 or MATH 170	MATH 320 DIFFERENTIAL EQUATIONS 3 Pre-Req: MATH 260		16
YEAR 3	FALL	EENG 310 ELECTRONIC CIRCUIT APPLICATIONS 3 Pre-Req: EENG 270; Co-Req: EENG 281	EENG 320 CONTROL SYSTEMS 3 Pre-Req: EENG 260 or EENG 280 or EENG 281	EENG 315 ELECTRONICS LAB II 1 Pre-Req: EENG 270 and EENG 275	CSCI 260 DATA STRUCTURES 3 Pre-Req: MATH 161 or MATH 170, and CSCI 185	CHEM 107 ENGINEERING CHEMISTRY I 4 Pre-Req: TMAT 135, MATH 135 or higher	MATH 310 LINEAR ALGEBRA 3 Pre-Req: MATH 180		17
	SPRING	EENG 330 ELECTROMAGNETIC THEORY I 3 Pre-Req: MATH 320 and PHYS 180	EENG 341 SIGNALS AND SYSTEMS 3 Pre-Req: EENG 281	EENG 360 ELECTRONICS LAB III 1 Pre-Req: EENG 310, EENG 315 and FCWR 304	EENG 371 MICROPROCESSORS & EMBEDDED SYSTEMS 3 Pre-Req: EENG 125 and CSCI 155	CSCI 330 OPERATING SYSTEMS 3 Pre-Req: CSCI 260 and CSCI 185		ICBS 3XX** BEHAVIORAL SCIENCE CHOICE 3	16
YEAR 4	FALL	EENG 382 RANDOM SIGNALS AND STATISTICS 3 Pre-Req: EENG 340 or EENG 341	EENG 401 COMMUNICATION THEORY 3 Pre-Req: EENG 340 or EENG 341; Co-Req: EENG 382	EENG 403 ELECTRONICS LAB IV 1 Pre-Req: EENG 370; Co-Req: EENG 401	EENG 489 SENIOR DESIGN PROJECT I 2 Pre-Req: EENG 320, EENG 330 and EENG 370; Department Consent Required	PHYS 225 INTRODUCTION TO MODERN PHYSICS 3 Pre-Req: PHYS 180	FCWR 304 COMMUNICATION FOR TECHNICAL PROFESSIONS 3 Pre-Req: FCWR 151	ICLT 3XX** LITERATURE CHOICE 3	18
	SPRING	MENG 211 ENGINEERING MECHANICS I (STATICS) 3 Pre-Req: PHYS 170 and MATH 180	EENG 491 SENIOR DESIGN PROJECT II 2 Pre-Req: EENG 401 and EENG 489; Department Consent Required		ELECTRICAL/COMPUTER SCIENCE ELECTIVE 3 Department Approval Required	LIBERAL ARTS ELECTIVE 3	ICSS 309**+ TECHNOLOGY AND GLOBAL ISSUES 3 Junior or Senior Status	ICPH 3XX** PHILOSOPHY CHOICE 3	17
CREDITS									134

*Non-native English speakers should take FCWR 111 in lieu of FCWR 101 and FCWR 161 in lieu of FCWR 151.

**Pre-Req: FCWR 101, FCWR 151, FCIQ 101, FCSP 105, FCSC 101

+ICSS 309 is cross-listed with IENG 400