

EC year 2-4 study plans

Class	Units
EGEE 101 Introduction to EE	1
EGEE 202 Math for Electrical Engineering I	3
EGEE 204 Probability and Random Variables	3
EGEE 213 Electrical Circuits Analysis	3
EGEE 214 Electrical Circuits Analysis Lab	1
EGEE 244 Physics of Electronic devices	3
EGME 220 Engineering Mechanics	3
General Education	
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Class	Units
EGEE 203 Math for Electrical Engineering II	3
EGEE 210 Software Application for EE I	1
EGEE 240 Engineering Electronics	3
EGEE 241 Engineering Electronics lab	1
EGEE 250 Electromechanical Energy Conversion	3
EGEE 261 Electrical Measurement and	3
EGEE 280 Digital Circuits and Logic Design	3
EGEE 281 Digital Circuits and Logic Design Lab	1
General Education	18

Class	Units
EGEE 320 Principles of Communication Systems	3
EGEE 321 Communication Network and Transmission	3
EGEE 324 Telecommunication Lab I	1
EGEE 340 Electronic Circuit Design	3
EGEE 341 Electronic Circuit Design Lab	1
EGEE 353 Engineering Electromagnetics	3
EGEE 360 Signals and Systems	3
EGEE 380 Microprocessor	3
EGID 300 Philosophy Ethics and Laws for Engineers	1
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Class	Units
→ EGEE 310 Software Application for EE II	1
→ EGEE 322 Digital Communication	3
→ EGEE 325 Optical Communication	3
→ EGEE 327 Telecommunication Lab II	1
→ EGEE 330 Control System	3
→ EGEE 332 Control System Lab	1
→ EGEE 362 Digital Signal Processing	3
→ EGEE 390 Project Topics in EE	1
General Education	16

Class	Units
EGEE399 Electrical Engineering Training	1
	1

Class	Units
EGEE 323 Data Communication and Network	3
EGEE 422 Antenna Engineering	3
EGEE 495 Project in Electrical Engineering I	2
EE Elective courses	3
Free Elective	
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Class	Units
EGEE 427 Microwave Engineering	3
EGEE102 Introduction to Technology and Innovation	1
EE496 Project in Electrical Engineering II	2
EE Elective courses	3
Free Elective	
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