

EET Class Rotation

Course #	Course Name	FA	SP	Required/ Elective	Credit	Prerequisite(s)
EET 1001	Electronics: An Introduction	X	X	R	3	High School Algebra
EET 1040	Introduction to Engineering	X	X	In place of EET 1001	3	
EET 1140	Circuits I	X	X	R	4	ACT Math 25 or ACT Math 570, or Accuplacer Elem Algebra 100 or MTH 1110, or MTH 1120, or MTH 1400, or MTH 1410, or MTH 2410
EET 1150	Circuits II	X	X	R	4	EET 1140 and (MTH 1120 or MTH 1400 or higher level math course)
EET 2145	Electronics	X	X	R	3	Either EET 1150 or EET 2000 and either CHE 1100 or CHE 1800
EET 2165	Electronics Lab	X	X	R	1	Co -requisite with EET 2145
EET 2310	Digital Circuits I	X	X	R	3	ACT Math 25 or ACT Math 570, or Accuplacer Elem Algebra 100 or MTH 1110, or MTH 1120, or MTH 1400, or MTH 1410, or MTH 2410
EET 2340	Technical Programming Applications	X	X	R	3	MTH 1400 or (MTH 1110 and MTH 1120) or higher level math course
EET 2350	Advanced Technical Programming	X	X	R	3	MTH 1400 (or MTH 1110 and MTH 1120)
EET 3110	Transform Methods in Circuit Analysis	X	X	R	4	EET 1150 and MTH 2410
EET 3120	Advanced Analog Electronics	X	X	R	4	EET 2145, EET 3110, and MTH 2410
EET 3330	Digital Circuits II	X	X	R	3	EET 2310
EET 3410	Electric Machines	X	X	R	3	MTH 2410 and either EET 2145 or EET 3010

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EET 3620	Analog and Digital Communications	X	X	R	3	MTH 2410 and either EET 2145 or EET 3010
EET 3630	Electromagnetic Fields	X	X	R	3	EET 3110, EET 3620, and MTH 2410
EET 3715	Control System Analysis	X	X	R	4	EET 3110, EET 3120, and MTH 2410
EET 3730	Process Control Systems	X	X	R	2	EET 1150 or EET 2000
EET 3740	Programmable Logic Controllers	X	X	R	2	EET 1150 or EET 2000
EET 4100	Senior Project I	X	X	R	1	COM 2610; EET 3120; and EET 4370, satisfaction of Level I and Level II General Studies requirements with a cumulative GPA of 2.0, and senior standing.
EET 4110	Senior Project II	X	X	R	2	SPE 1010, EET 4100, and EET 4340
EET 4340	Interface Techniques	X	X	R	3	EET 3330 and EET 4370
EET 4370	Microcontrollers	X	X	R	3	EET 2350 and EET 3330
EET 2000	Electric Circuits & Machines	X	X	R	3	MTH 1120 or MTH 1400, PHY 2020 or PHY 2331
EET 3010	Industrial Electronics	X	X	R	4	EET 1150 or EET 2000
EET 3980	Internship in Electrical Engineering Technology	X	X	E	3	Junior Status and Permission of Dept. Chair

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OTHER COURSES

(FOR MINOR, CONCENTRATIONS, AND ELECTIVES)

Course #	Course Name	FA	SP	Required/ Elective	CR	Prerequisite(s)
EET 3420	Electric Power Distribution		X	E	3	MTH 2410 and either EET 2145 or EET 3010
EET 3430	Power Generation Using Renewable Resources	X		E	3	MTH 2410 and either EET 2145 or EET 3010
EET 4020	Digital Circuits III – Hardware Description Language (HDL)		X	E	3	EET 2350 or CSS 2227, and EET 3330
EET 4320	Digital Filters	X		E	3	EET 2340 and EET 3110
EET 4330	Data Communications		X	E	3	EET 2310
EET 4620	Advanced Communication Systems	X		E	3	EET 3620
EET 4710	Digital Control Systems Design		X	E	4	EET 3710
EET 3670	Measurements for Communication Systems			E	3	EET 2340, EET 3620, and MTH 2410
EET 3690	Fiber Optics			E	3	EET 2145 and MTH 2410
EET 4700	Special Topics in Electrical Engineering Technology			E	3	EET 3120
EET 4730	Robotics			E	3	MTH 2410, EET 3740, and either EET 2145 or EET 3010

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