

TYPICAL SEMESTER-BY-SEMESTER PROGRESSION
ELECTRONICS ENGINEERING TECHNOLOGY, Catalog 2024-2025

Electronics Concentration (141A)

1ST YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	
EET 1300	3	EET 1320	3
EET 1301	1	EET 1321	1
EET 1311	1	EET 1330	3
IET 1700	1	EET 1331	1
		IET 1400	3
ENGL 1010	3		
MATH 1820	3	ENGL 1020	3
UNIV 1000	1	MATH 1830	3
Chemistry ⁷	3		
Total	16	Total	17

2ND YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
EET 2320 ¹	3	EET 2330 ²	3
EET 2321 ¹	1	EET 2331 ²	1
IET 2790	3	EET 3310 ²	3
		EET 3311 ²	1
		EET 2350 ²	3
		EET 2351 ²	1
MATH 2130	3		
PHYS 2030	3	MATH 2140	3
PHYS 2031	1		
Total	14	Total	15

3RD YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	
EET 3360 ¹	3	EET 4300 ²	3
EET 3361 ¹	1	EET 4301 ²	1
EET 4310 ¹	3	EET 4350 ²	3
EET 4311 ¹	1	EET 4351 ²	1
		EET 4390 ²	3
Biological Sci. ³	3	ENGL 3230	3
IET 1080	3		
ENGL 2110	3		
Total	17	Total	14

4TH YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
EET 4940 or IET	3	EET 4950 or IET	3
IET 3740	3	Elective ⁶	3
ECON 2000	3	Behavioral Sci. ⁵	3
History ⁴	3	COMM 1010	3
		FA 1040	3
Total	12	Total	15

1 Typically offered during the fall semester only

2 Typically offered during the spring semester only

3 Usually SCI 1020 or BIOL 1010+1011 (4 semester hours)

4 Students can choose either HIST 1010 or 1020 or 2010 or 2020

5 Students can choose either EPSY 2020 or PSYC 1010 or 2050 or SOC 1010

6 Elective can be selected from any BMET, CSC, EET, or IET courses, or Mathematics 2050. Electives may include a maximum of three hours of occupational field experience.

7 Students can choose from CHEM 1030, 1070 or SCI 1010

IMPORTANT NOTES

I. Prerequisites and corequisites for each course are listed in the general catalog.

II. EET 4940 or IET 4940 (Project Design I) and EET4950 or IET 4960 (Project Design II) must be taken during last two semesters, before graduation.

Effective Fall 2024

Note:

ELECTRONICS ENGINEERING TECHNOLOGY, Electronics Concentration (141A) A Comprehensive Course Li

University Core	Hrs	Grade	Semester Offered	Major requirements in Electronics Engineering Technology	Hrs	Grade	Semester Offered
ENGLISH				EET 1300 Electrical Principles I	3		FA/SP
ENGL 1010	3		FA/SP	EET 1301 Electrical Principles I Lab	1		FA/SP
ENGL 1020	3		FA/SP	EET 1311 Electronic Fabrication Lab	1		FA/SP
MATHEMATICS				EET 1320 Electrical Principles II	3		FA/SP
MATH 1820	3			EET 1321 Electrical Principles II Lab	1		FA/SP
MATH 1830	3			EET 1330 Digital Electronics I	3		FA/SP
			FA/SP	EET 1331 Digital Electronics I Lab	1		FA/SP
NATURAL SCIENCES				EET 2320 Basic Electronics	3		FA
Physical Sciences				EET 2321 Basic Electronics Lab	1		FA
CHEM 1030 or 1070 , or SCI 1010	3		FA/SP	EET 2330 Electric Motor Controls	3		SP
PHYS 2030	3		FA/SM	EET 2331 Electric Motor Controls Lab	1		SP
PHYS 2031	1		FA/SM	EET 2350 Advanced Electronics	3		SP
				EET 2351 Advanced Electronics Lab	1		SP
				EET 3310 Digital Electronics II	3		FA
Biological Sciences				EET 3311 Digital Electronics II Lab	1		FA
SCI 1020	3		FA/SP	EET 3360 Instrumentation and Control	3		SP
HUMANITIES				EET 3361 Instrumentation and Control Lab	1		SP
Introduction to literature				EET 4300 Microprocessor Fundamentals	3		SP
ENGL 2110	3		FA/SP	EET 4301 Microprocessor Fundamentals Lab	1		SP
History				EET 4390 Digital Communications	3		SP
HIST 1010 or 1020 or 2010 or 2020	3		FA/SP	EET 4940 Project Design I	3		FA/SP
Communication				IET 1400 Technical Drafting I	3		FA/SP
COMM 1010	3		FA/SP	IET 1700 Introduction to ET	1		FA/SP
FINE ARTS				IET 3740 Supervision in Organizations	3		FA/SP
FA 1040	3		FA/SP				
SOCIAL SCIENCE			FA/SP				
ECON 2000	3						
BEHAVIORAL SCIENCE							
EPSY 2020 or PSYC 1010 or 2050	3		FA/SP	CONCENTRATION AREA			
				EET 4310 Communication Electronics	3		FA
SUPPORT COURSES				EET 4311 Communication Electronics Lab	1		FA
IET 1080	3		FA/SP	EET 4350 Automation and Control	3		SP
ENGL 3230	3		FA/SP	EET 4351 Automation and Control Lab	1		SP
MATH 2130	3		FA/SP	EET 4950 Project Design II	3		FA/SP
MATH 2140	3		SP/SM	IET 2790 Statics	3		FA/SP
			SP/SM	Elective	3		FA/SP
UNIV 1000	1		FA/SP	Total hours for degree: 120			