

TYPICAL SEMESTER-BY-SEMESTER PROGRESSION
INDUSTRIAL ENGINEERING TECHNOLOGY (145), Catalog 2024-2025

1ST YEAR

Fall 1 st Semester	Sem Hours	Spring 2 nd Semester	Sem Hours
IET 1400	3	EET 1300	3
IET 1700	1	EET 1301	1
IET 1800	3	IET 1080	3
EET 1311	1		
COMM 1010	3	Chemistry ⁸	3
MATH 1820	3	ENGL 1010	3
UNIV 1000	1	MATH 1830	3
Total	15	Total	16

2ND YEAR

Fall 3 rd Semester	Sem Hour	Spring 4 th Semester	Sem Hour
EET 1320	3	IET 2020 ²	3
EET 1321	1	IET 2790	3
		IET 2040 ²	3
ENGL 1020	3		
MATH 2130	3		
PHYS 2030 ³	3	ENGL 2110	3
PHYS 2031 ³	1	MATH 2140	3
Total	14	Total	15

3RD YEAR

Fall 5 th Semester	Sem Hours	Spring 6 th Semester	Sem Hours
IET 3150 ¹	3	IET 3740	3
IET 3510 ¹	3	IET 4720 ²	3
IET 3570 ¹	3	IET 4730 ²	3
IET 3900	3	IET 4820	3
ENGL 3230	3	ECON 2000	3
Total	15	Total	15

4TH YEAR

Fall 7 th Semester	Sem Hour	Spring 8 th Semester	Sem Hour
EET 4940 or IET	3	EET 4950 or IET	3
		Elective II ⁴	3
IET 4890	3	IET 4700 ²	3
Elective I ⁴	3		
Biological Sci. ⁵	3	FA 1040	3
Behavioral Sci. ⁶	3	History ⁷	3
Total	15	Total	15

1 Typically offered during the fall semester only

2 Typically offered during the spring semester only

3 Typically offered during the fall and summer semesters only

4 Electives can be selected from any IET and/or EET courses. Electives may include a maximum of three hours of occupational field experience.

5 Students must take SCI 1020 (3 sem. hrs) or BIOL 1010+1011 (4 sem. hrs.)

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

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

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

IMPORTANT NOTES

I. Prerequisites and co-requisites for each course are listed in the General Catalog.

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

effective Fall 2024

Note:

INDUSTRIAL ENGINEERING TECHNOLOGY (145)

University Core	Hr s	Grad e	Semester Offered	Major requirements in Industrial Engineering Technology	Hr s	Grad e	Semeste r 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
MATHEMATICS				EET 1320 Electrical Principles II	3		FA/SP
MATH 1820	3			EET 1321 Electrical Principles II lab	1		FA/SP
MATH 1830	3		FA/SP	IET 1080 Programming For ET	3		FA/SP
NATURAL SCIENCES				IET 1400 Technical Drafting I	3		FA/SP
Physical Sciences				IET 1700 Introduction To ET	1		FA/SP
CHEM 1030, 1070 or SCI 1010	3		FA/SP	IET 1800 Occupational Safety and Health	3		FA/SP
PHY 2030	3		FA/SM	IET 2020 Metals Machining I	3		SP
PHY 2031	1		FA/SM	IET 2040 Probability and Statistics for ET	3		FA
Biological Sciences				IET 2790 Statics	3		FA/SP
SCI 1020	3		FA/SP	IET 3150 Fluid Power	3		FA
HUMANITIES				IET 3510 Methods and Work Design	3		FA
Introduction to literature				IET 3570 Engineering Economics	3		FA
ENGL 2110	3		FA/SP	IET 3740 Supervision in Organizations	3		FA/SP
History				IET 3900 Industrial Machinery	3		FA
HIST 1010 or 1020 or 2010 or 2020	3		FA/SP	IET 4700 Manufacturing Facilities	3		SP
Communication				IET 4720 Quality Control	3		SP
COMM 1010	3		FA/SP	IET 4730 Materials and Processes	3		SP
FINE ARTS				IET 4820 Production and Inventory Control	3		SP
FA 1040	3		FA/SP	IET 4890 Operations Research	3		FA
SOCIAL SCIENCE				IET 4940 Project Design I	3		FA/SP
ECON 2000	3		FA/SP	IET 4960 Project Design II	3		FA/SP
BEHAVIORAL SCIENCE							
EPSY 2020 or PSYC 1010 or 2050 or SOC	3		FA/SP				
SUPPORT COURSES				TECHNICAL ELECTIVES			
ENGL 3230	3		FA/SP	Elective I	3		FA/SP
MATH 2130	3		FA/SP	Elective II	3		FA/SP