

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

**1<sup>ST</sup> YEAR**

Fall 1 <sup>st</sup> Semester	Sem Hours	Spring 2 <sup>nd</sup> 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 <sup>8</sup>	3
MATH 1820	3	ENGL 1010	3
UNIV 1000	1	MATH 1830	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

**2<sup>ND</sup> YEAR**

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

**3<sup>RD</sup> YEAR**

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

**4<sup>TH</sup> YEAR**

Fall 7 <sup>th</sup> Semester	Sem Hour	Spring 8 <sup>th</sup> Semester	Sem Hours
EET 4940 or IET 4940	3	EET 4950 or IET 4960	3
		Elective II <sup>4</sup>	3
IET 4890	3	IET 4700 <sup>2</sup>	3
Elective I <sup>4</sup>	3		
Biological Sci. <sup>5</sup>	3	FA 1040	3
Behavioral Sci. <sup>6</sup>	3	History <sup>7</sup>	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

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)**  
**A Comprehensive Course List, Catalog 2024-2025**

Name: \_\_\_\_\_ ID# \_\_\_\_\_

Advisor: \_\_\_\_\_

University Core	Hrs	Grade	Semester Offered	Major requirements in IET	Hrs	Grade	Semester Offered
<b>ENGLISH</b>				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
<b>MATHEMATICS</b>				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		3		
<b>NATURAL SCIENCES</b>				IET 1400 Technical Drafting I	3		FA/SP
<b>Physical Sciences</b>				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 & Statistics for ET	3		FA
<b>Biological Sciences</b>				IET 2790 Statics	3		FA/SP
SCI 1020	3		FA/SP	IET 3150 Fluid Power	3		FA
<b>HUMANITIES</b>				IET 3510 Methods and Work Design	3		FA
<b>Introduction to literature</b>				IET 3570 Engineering Economics	3		FA
ENGL 2110	3		FA/SP	IET 3740 Supervision in Organizations	3		FA/SP
<b>History</b>				IET 3900 Industrial Machinery	3		FA
HIST 1010 or 1020 or 2010 or 2020	3		FA/SP	IET 4700 Manufacturing Facilities	3		SP
<b>Communication</b>				IET 4720 Quality Control	3		SP
COMM 1010	3		FA/SP	IET 4730 Materials and Processes	3		SP
<b>FINE ARTS</b>				IET 4820 Production & Inventory Control	3		SP
FA 1040	3		FA/SP	IET 4890 Operations Research	3		FA
<b>SOCIAL SCIENCE</b>				IET 4940 Project Design I	3		FA/SP
ECON 2000	3		FA/SP	IET 4960 Project Design II	3		FA/SP
<b>BEHAVIORAL SCIENCE</b>							
EPSY 2020 or PSYC 1010 or 2050 or SOC 1010	3		FA/SP				
<b>University Experience UNIV 1000</b>	1		FA/SP				
<b>SUPPORT COURSES</b>				<b>TECHNICAL ELECTIVES</b>			
ENGL 3230 Technical Composition	3		FA/SP	Elective I	3		FA/SP
MATH 2130 Calculus for ET I	3		FA/SP	Elective II	3		FA/SP
MATH 2140 Calculus for ET II	3		FA/SP				
IET 1080 Programming For ET	3		FA/SP				
Revised 7-18-2024				<b>Total hours for degree: 120</b>			