



ACADEMIC MAP TO BS IN INDUSTRIAL ENGINEERING TECHNOLOGY (145)

2026-2027



NORTHWESTERN STATE UNIVERSITY OF LOUISIANA

www.nsula.edu/EngrTech

START HERE

YEAR 1	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	IET 1400 Technical Drafting I			3	
	IET 1700 Intro. to ET			1	
	IET 1800 Occupational Safety and Health			3	
	EET 1311 Electronic Fab. Lab			1	
	COMM 1010 Oral Communication			3	
	MATH 1820 Technical Mathematics I			3	
	UNIV 1000 The University Experience			1	

Semester Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
EET 1300/1301 Electrical Principles I, and Lab			3+1	
IET 1080, Programming For ET			3	
Chemistry ¹			3	
ENGL 1010 Composition & Rhetoric I			3	C
MATH 1830 Technical Mathematics II			3	

¹Students can choose from CHEM 1030, 1070, or SCI 1010

Semester Credits _____

Total Credits _____

YEAR 2	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	EET 1320/1321 Electrical Principles II, and Lab			3+1	
	ENGL 1020 Composition & Rhetoric II			3	C
	MATH 2130 Calculus for Eng Tech I			3	

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
IET 2020 Metals Machining I			3	
IET 2790 Statics			3	
IET 2040 Probability & Statistics for ET			3	
ENGL 2110 Intro to Literature			3	
MATH 2140 Calculus for Eng Tech II			3	

Semester Credits _____

Total Credits _____

YEAR 3	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	IET 3150 Fluid Power			3	
	IET 3510 Methods and Work Design			3	
	ECON 2000 Principles of Macroeconomics			3	
	IET 3900 Industrial Machinery			3	

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
IET 3740 Supervision in Organizations			3	
IET 4720 Quality Control			3	
IET 4730 Materials and Processes			3	
IET 4820 Production & Inventory Control			3	
IET 3570 Engineering Economics			3	

Semester Credits _____

Total Credits _____

YEAR 4	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	IET/EET 4940 Project Design I			3	
	IET 4890 Operations Research			3	
	Elective I ²			3	
	Biological Sci. ³			3	

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
IET 4960 or EET 4950 Project Design II			3	
Elective II ²			3	
IET 4700 Manufacturing Facilities			3	
FA 1040 Exploring the Arts			3	
History ⁵			3	

² Electives can be selected from any IET and/or EET courses. Electives may include a maximum of three hours of occupational field experience.

Semester Credits _____

Total Credits 120

⁵ Students can choose either HIST 1010 or 1020 or 2010 or 2020

³ Electives can be selected from any IET and/or EET courses. Electives may include a maximum of three hours of occupational field experience.

⁴ Students must take SCI 1020 or BIOL 1010

⁵ Students can choose either EPSY 2020 or PSYC 1010 or 2050 or SOC 2010

YOU'VE FINISHED!

- University Core Requirement
- Milestone
- Major Requirement

- Concentration Requirement
- Academic Elective

GRADUATION REQUIREMENTS

Major Credits = 80 | University Core/Support Credits = 40 | Total Credits = 120

Courses taken outside of a student's degree program are not eligible for Title IV federal financial aid (grants and loans). However, elective courses are eligible for Title IV aid if they are required and included in the student's program of study. Once a student has completed all required elective credits, any additional elective courses taken beyond the program's requirements will not be eligible for Title IV funding.

START HERE

YEAR 1	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 2	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 3	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YEAR 4	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade

Semester Credits _____

Total Credits _____

YOU'VE FINISHED!



MILESTONE



Major Electives



Academic Electives



GRADUATION REQUIREMENTS

Major Requirements = _____ | University Core/Support = _____ | Total Credits = _____

Courses taken outside of a student's degree program are not eligible for Title IV federal financial aid (grants and loans). However, elective courses are eligible for Title IV aid if they are required and included in the student's program of study. Once a student has completed all required elective credits, any additional elective courses taken beyond the program's requirements will not be eligible for Title IV funding.