



# ACADEMIC MAP TO A.S. IN ENGINEERING TECHNOLOGY (ADVANCED MANUFACTURING CONCENTRATION) 140C



**NORTHWESTERN STATE**  
UNIVERSITY OF LOUISIANA

2026-2027

[www.nsula.edu/EngrTech](http://www.nsula.edu/EngrTech)

## START HERE

YEAR 1	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	EET 1350 Electrical Circuits (AC/DC)			3	
	IET 1400 Technical Drafting I			3	
	IET 1800 Occupational Safety & Health			3	
	ENGL 1010 Composition & Rhetoric I			3	C
	MATH 1820 Technical Mathematics I			3	
	UNIV 1000 The University Experience			1	

Semester Credits \_\_\_\_\_

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
EET 1370 Basic Analog and Digital Electronics			3	
IET 1520 Welding Technology			3	
IET 2920 Special Problems			1	
Comm 1010 Oral Communication			3	
MATH 1830 Technical Mathematics II			3	
FA 1040 Exploring the Arts			3	

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

SUMMER	Milestones	Grade	Credits	Minimum Grade
IET 2700 Internship			3	

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

YEAR 2	SEMESTER 1	Milestones	Grade	Credits	Minimum Grade
	EET 2330/2331 Electric Motor Controls, and Lab			3+1	
	IET 2920 Special Problems			1	
	IET 3150 Fluid Power			3	
	IET 2700 Internship			1	
	ENGL 1020 Composition & Rhetoric II			3	C
	Physical Sci <sup>1</sup>			3	

<sup>1</sup> Students can choose from CHEM 1030, 1070, or SCI 1010

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

SEMESTER 2	Milestones	Grade	Credits	Minimum Grade
EET 2210/2211 Programmable Logic Controllers, and Lab			3+1	
IET 2020 Metal Machining I			3	
IET 2920 Special Problems			1	
IET 2700 Internship			2	
PSYC 1010 General Psychology			3	
SCI 1020 Basic Concepts of Biological Science I			3	

Semester Credits \_\_\_\_\_

Total Credits **66**

## YOU'VE FINISHED!

- University Core Requirement
- Milestone
- Major Requirement

- Concentration Requirement
- Academic Elective



### GRADUATION REQUIREMENTS

Major Credits = 38 | University Core/Support Credits = 28 | Total Credits = 66

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**

<b>YEAR 1</b>	SEMESTER 1				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

SEMESTER 2				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

<b>YEAR 2</b>	SEMESTER 1				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

SEMESTER 2				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

<b>YEAR 3</b>	SEMESTER 1				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

SEMESTER 2				Milestones	Grade	Credits	Minimum Grade

Semester Credits \_\_\_\_\_

Total Credits \_\_\_\_\_

<b>YEAR 4</b>	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.