Associate of Science Engineering Technology 2025 – 2026 Academic Plan

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor's degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an Advising Specialist or full-time Faculty Advisor.

Academic Plan: Fall 1st Year			Notes
Requirement	Course	Credits	
FYEX	*First Year Experience	1	• ENG101(H) and MTH180 with grades of "C" or better are prerequisites for future coursework.
WCOM^	ENG101 English Composition I	3	
MATH	MTH180 Calculus I	5	
NSCI^	CHM111 General Chemistry I	5	
CORE	CIS155 Introduction to Computer Programming	3	
	Total Credits	17	

Academic Plan: Spring 1st Year			Notes
Requirement	Course	Credits	
OCOM^	COM110 Public Speaking	3	
CIVI^	HST103 US History I and PSC001 MO Civics Requirement	3	
CORE	EGR101 Computer Aided Engineering Design	3	
CORE	MTH185 Calculus II	5	
	Total Credits	14	

Academic Plan: Fall 2nd Year			Notes
Requirement	Course	Credits	
HU/SB^	ECO101 Macroeconomics or ECO102 Microeconomics	3	• PHY223 with a grade of "C" or better is a prerequisite for future coursework.
HU/SB^	PHL101 Logic	3	
HU/SB^	*Humanities/Fine Arts OR Social/Behavioral Science	3	
NSCI^	PHY223 General Physics I	5	
CORE	EGR228 Engineering Statics	3	
	Total Credits	17	

Academic Plan: Spring 2nd Year			Notes
Requirement	Course	Credits	
WCOM^	ENG102 English Composition II	3	
CIVI^	PSC102 US and MO Government and Constitutions	3	
GNEL^	*General Education Elective	3	
CORE	EGR250 Engineering Dynamics	3	
CORE	PHY224 General Physics II	5	
	Total Credits	17	
Total Program Credits		65	

*For a list of elective and general education courses visit, the degree/certificate plan webpage.
^This general education requirement must be met by a MOTR equivalent course; see MOTR webpage.
The Computer Literacy (CPLT) requirement must be completed with a grade of "C" or better.