

ASSOCIATE OF APPLIED SCIENCE GENERAL TECHNOLOGY PATHWAY TO ADVANCED MANUFACTURING TECHNOLOGY

Cip Code: 30.9999; Degree Code: 0517
Major: AAS General Technology 30.9999
Concentration: Pathway to Advanced Manufacturing Machining Pathway 15.0613

Student Name _____ Student ID _____ Advisor _____

AY2025-2026

Possible Prerequisites

			Semester	Hours	Grade	ACTS
ENG	0051	Writing Seminar		NC		
ENG	0053	English Fundamentals		NC		
MATH	0021	Foundations of Math Reasoning		NC		
MATH	0083	Math Fundamentals		NC		

Year 1 - First Semester (15 credit hours)

			Semester	Hours	Grade	ACTS
ENG	1003	Choose one: Composition I		3		ENGL1013
ENG	1203	Workplace Essentials				ENGL2023
		Choose one: 12 hours from any courses with the following prefixes: ADVM, BSYS, MATH1013 Mathematical Applications or higher-level Math, MIS, TECH, or WELD		12		

Year 1 - Second Semester (15 credit hours)

			Semester	Hours	Grade	ACTS
ADVM	1123	Materials, Measurements, & Safety		3		
		Choose one: 12 hours from any courses with the following prefixes: ADVM, BSYS, MATH1013 or higher-level Math, MIS, TECH, or WELD		12		

Year 2 - First Semester (15 credit hours)

			Semester	Hours	Grade	ACTS
ENG	1003	Choose one: Composition I		3		ENGL1013
ENG	1013	Composition II (ENG1003 is a prerequisite to ENG1013)				ENGL1023
MATH	1013	Choose one: Mathematical Applications		3		MATH1003
MATH	1023	College Algebra				MATH1103
MATH	1083	Quantitative Literacy				MATH1113
MIS	1033	Choose one: Introduction to Computers		3		CPSI1003
MIS	1443	Technical Computer Applications				
MIS	1503	Microcomputer Applications				
		6 hours from Manufacturing ADVM TECH, WELD prefixes		6		

Year 2 - Second Semester (15 credit hours)

			Semester	Hours	Grade	ACTS
		3 hours from Social Science ECON, HIST, GEOG, SOC, POSC, PSY prefixes		3		
		12 hours from Manufacturing ADVM TECH, WELD prefixes		12		

Total Required Credit Hours (60)

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

Students must have completed the TC Advanced Manufacturing Technology degree before receiving the AAS GT Pathway to Advanced Manufacturing