

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 (14 credit hours)			Semester	Hours	Grade	ACTS
ADVM	1123	Materials, Measurement, and Safety		3		
ADVM	1154	CNC Milling		4		
ADVM	1264	CAD/CAM		4		
ENG	1003	Choose one: Composition I		3		ENGL1013
ENG	1203	Workplace Essentials				ENGL2023

Year 1 - Second Semester (16 credit hours)			Semester	Hours	Grade	ACTS
ADVM	2264	Advanced CAD/CAM		4		
MATH	1013	Choose one: Mathematical Applications		3		MATH1003
MATH	1023	College Algebra				MATH1103
MATH	1083	Quantitative Literacy				MATH1113
ADVM	1134	Technical Elective: 9 hours from any of the below courses or any instructor-approved course with the prefix ADVM, TECH, or WELD		9		
ADVM	1253	Job Planning, Benchwork, and Layout				
TECH	1033	Geometric Dimensioning and Tolerancing				
WELD	2513	Computer-Aided Design				
		Blueprint Reading				

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
MIS	1033	Choose one: Introduction to Computers		3		CPSI1003
MIS	1443	Technical Computer Applications				
MIS	1503	Microcomputer Applications				
		9 hours from Manufacturing prefix: ADVM TECH, WELD		9		

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 prefix: ADVM TECH, WELD		12		

Total Required Credit Hours (60)



**ASSOCIATE OF APPLIED SCIENCE
GENERAL TECHNOLOGY
PATHWAY TO COMPUTER AIDED DESIGN**

Cip Code: 30.9999; Degree Code: 0517

Student Name _____ Student ID _____ Advisor _____

AY2025-2026

Expected Graduation Date: _____

Student Signature: _____

Date: _____

Advisor Signature: _____

Date: _____

Students must have completed the TC Computer Aided Design Pathway degree before receiving the AAS GT Pathway to Computer Aided Design