ARKANSAS STATE UNIVERSITY - NEWPORT
NEWPORT • JONESBORO • MARKED TREE

TECHNICAL CERTIFICATE
ADVANCED MANUFACTURING TECHNOLOGY
COMPUTER AIDED DESIGN PATHWAY

Cip Code: 15.0613; Degree Code: 5719

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		

First Semester (14 credit hours)			Semester	Hours	Grade	ACTS
ADVM	1123	Materials, Measurement, and Safety		3		
ADVM	1154	CNC Milling		4		
ENG	1203	Workplace Essentials or higher-level English		3		
ADVM	1264	CAD/CAM		4		

Second Semester (16 credit hours)			Semester	Hours	Grade	ACTS
ADVM	2264	Advanced CAD/CAM		4		
MATH	1013	Mathematical Applications or higher-level Math		3		
MIS	1033	Introduction to Computers		3		CPSI1003
Technical Elective: 6 hours from any of the below courses or any instructor-approved course with the prefix ADVM, TECH, or WELD				6		
ADVM	1134	Job Planning, Benchwork, and Layout				
ADVM	1253	Geometric Dimensioning and Tolerancing				
TECH	1033	Computer-Aided Design				
WELD	2513	Blueprint Reading				

Total Required Credit Hours (30)

Expected Graduation Date:_____

Student Signature: _____ **Date:** _____

Advisor Signature: _____ **Date:** _____