TECHNICAL CERTIFICATE
ADVANCED MANUFACTURING TECHNOLOGY
COMPUTER AIDED DESIGN PATHWAY

Student Name _____ Student ID _____ Advisor _____

AY2023-24

Possible Prerequisites: None Required

First Semester   (17 credit hours)

			Semester	Hours	Grade	ACTS
ADVM	1123	Materials, Measurement, and Safety		3		
ADVM	1134	Job Planning, Benchwork, and Layout		4		
ADVM	1264	CAD/CAM		4		
TECH	1033	Computer Aided Design		3		
WELD	2513	Blueprint Reading		3		

Second Semester   (16 credit hours)

			Semester	Hours	Grade	ACTS
ENG	1203	Workplace Essentials or higher-level English		3		ENGL2023
MIS	1033	Introduction to Computers		3		CPSI1003
ADVM	2264	Advanced CAD/CAM		4		
ADVM	1253	Geometric Dimensioning and Tolerancing		3		
		Technical Elective: 3 hours hours from any courses with the following prefixes: ADVM, BSYS, MATH1013 Mathematical Applications, MIS, TECH, or WELD		3		

Total Credit Hours: 33

Minimum Required Credit Hours (33)

Expected Graduation Date: _____

Student Signature: _____   **Date:** _____

Advisor Signature: _____   **Date:** _____