

Certificate of Specialization: Automated Machining

This certificate provides students training in CAD/CAM using MASTERCAM and CNC Programming specifically used in the automotive, aerospace, and manufacturing industries. Upon completion of the certificate, students will be able to work in the automotive, aerospace, and manufacturing industries as a CAD/CAM design engineer, machinist, CNC operator, or CNC programmer.

Certificate Student Learning Outcome:

Students will be able to accurately perform a variety of CAD/CAM and CNC application and calculations using appropriate equipment.

Program Requirements:

Units Required: 12

		Units:
MFGT-121	CNC 1: Operation and Manual Programming	3.0
MFGT-122	CNC 2: Concepts and Programming	3.0
MFGT-131	CAD/CAM I	3.0
MFGT-132	CAD/CAM II	3.0