

## PROGRAM OF STUDY

### Automated Machining Certificate of Specialization

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.

**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:**

		<b>Units</b>
MFGT 121	CNC 1: Operation/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

---

**Total Units**

**12**

PID 95