# MAC257 Wire EDM Programming

## Course Description

Covers how to create a G language program (G-code) for a Computer Numerical Controlled wire Electrical Discharge Machine (CNC wire EDM Machine) using Computer-aided Design and Computer-aided Manufacturing (CAD/CAM) software.

## Course Competencies

1. Perform wire feed calculation and sequences on the CNC wire EDM machine.
2. Perform successful use of the features of edge compensation in a CNC wire EDM machine program.
3. Demonstrate successful use of the wire reload features in a CNC wire EDM machine program.
4. Write a CAM program for a CNC wire EDM machine.
5. Program and run multiple parts in a CNC wire EDM machine.
6. Demonstrate proper program management with CAD/CAM programs for the CNC wire EDM machine.