

MASTERCAM, CERTIFICATE

Program Code: CC.MASTERCAM

The Mastercam program is comprised of a series of three classes that prepare students to use Mastercam for 2D and 3D model building, toolpath selection and creation, and toolpath verification. Students will learn all basic 2D milling toolpaths, 3D surfacing toolpaths, and lathe with live-tooling toolpaths.

For information contact the Industrial Technology Department, 503-594-3318.

Outcomes

Program Outcomes

Upon successful completion of this program, students should be able to:

- utilize Mastercam for programming two dimensional toolpaths, advanced surface toolpaths, and lathe/mill-turn toolpaths;
- attain the skills necessary for employment as CAD/CAM CNC programmer.

Requirements

Code	Title	Credits
MFG-271	Mastercam Mill I	4.00
MFG-272	Mastercam Mill II	4.00
MFG-273	Mastercam, Lathe, Mill, Multi-Axis	4.00
Total Credits		12

Careers

Career opportunities include:

- CNC programmer