

Spokane Community College

COURSE LEARNING OUTCOMES (CLO) AND OUTLINE

Course Title: CAD/CAM II

Prefix and Course Number: MACH 234

Version Date: 5/12/2022

Course Learning Outcomes

By the end of this course, a student should be able to:

1. Use CAM software to write advanced programs for the Mill
2. Use CAM software to write advanced programs for the Lathe

Course Outline:

- I. MASTERCAM SOFTWARE
 - A. Import Solid Models
 - B. Create Programs from A Solid Model
 - C. Use Work Coordinate System (WCS)
 - D. Use High Speed Toolpaths
 - E. Create 3D Surface Toolpaths
 - F. Create 4th Axis Programs