

Spokane Community College

COURSE LEARNING OUTCOMES (CLO) AND OUTLINE

Course Title: CAD/CAM I

Prefix and Course Number: MACH 224

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

Course Outline:

- I. MASTERCAM SOFTWARE - MILL
 - A. Program Interface
 - B. Geometry Creation
 - C. Toolpath Creation
 - D. Program Verification
 - E. Post Process Program
- II. MASTERCAM SOFTWARE - LATHE
 - A. Program Interface
 - B. Geometry Creation
 - C. Toolpath Creation
 - D. Program Verification
 - E. Post Process Program