

Print Date: 7/11/14

Course Objectives/Course Outline
Spokane Community College

Course Title: Applied Manufacturing Project

Prefix and Course Number: ARCFT 132

Course Learning Outcomes:

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

- Conceive and develop a composite piece independent of structured courses.
- Develop a composite piece synthesizing all skills acquired throughout the Composite Manufacturing Program.
- Compare and evaluate project against standards.

Course Outline:

- I. Project
 - A. Concept Approval
 - B. CAD
 - C. Produce Mold (if required)
 - D. Material Selection
 - E. Composite Buildup and Curing
 - F. CNC Machining
 - G. Quality Assurance