

Print Date: 7/11/14

Course Objectives/Course Outline
Spokane Community College

Course Title: Aircraft Engines Shop I

Prefix and Course Number: ARCFT 246

Course Learning Outcomes:

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

- Demonstrate engine servicing
- Demonstrate disassemblies and inspections
- Demonstrate routine maintenance and servicing of aircraft engines

Course Outline:

- I. Newton's Law and Brayton Cycle
- II. Disassemble and Overhaul Engine
- III. Check, Service and Adjust Engine
- IV. Install, Start, Operate and Shutdown Engine/Troubleshoot
- V. Hot Section and Compressor Inspection