

Print Date: 7/11/14

Course Objectives/Course Outline
Spokane Community College

Course Title: Advanced General Aircraft Maintenance

Prefix and Course Number: ARCFT 119

Course Learning Outcomes:

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

- describe basic aircraft maintenance requirements including FAA regulations
- describe aircraft hardware
- describe electricity, physics, and maintenance as they apply to aircraft maintenance
- describe and perform inspection techniques

Course Outline:

- I. Aircraft Drawings
- II. Materials and Processes
- III. Aircraft Hardware
- IV. Fluid Lines and Fittings
- V. NDT Dye Penetrant
- VI. NDT Magnaflux
- VII. NDT Ultrasonic
- VIII. NDT Eddy Current
- IX. Corrosion Control
- X. Batteries