

Print Date: 7/11/14

**Course Objectives/Course Outline
Spokane Community College**

Course Title: Introduction to General Aircraft Maintenance Shop

Prefix and Course Number: ARCFT 116

Course Learning Outcomes:

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

- identify and use common shop hand tools
- identify and use common aircraft and shop practices
- perform calculations required in shop projects
- Perform hands-on projects competently

Course Outline:

- I. Basic Electricity
- II. Aircraft Drawings
- III. Weight and Balance
- IV. Fluid Lines and Fittings
- V. Materials and Processes
- VI. Ground Operation and Servicing
- VII. Cleaning and Corrosion Control
- VIII. Mathematics
- IX. Maintenance Forms and Records
- X. Basic Physics
- XI. Maintenance Publications
- XII. Mechanic Privileges and Limitations
- XIII. Extra Credit Projects