

Print Date: 7/11/14

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

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**Course Title: Advanced General Aircraft Maintenance Shop**

**Prefix and Course Number: ARCFT 120**

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**Course Learning Outcomes:**

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

- describe and perform shop safety practices
- perform projects using basic shop tools
- describe basic aircraft maintenance
- describe associated aircraft regulations and technician responsibilities

**Course Outline:**

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