

Print Date: 7/11/14

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

Course Title: Powerplant Systems and Components I

Prefix and Course Number: ARCFT 255

Course Learning Outcomes:

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

- Describe powerplant systems, their servicing, overhaul and repair
- Describe auxiliary powerplants
- Describe engine fire protection, lubrication, fuel, ignition and starting systems

Course Outline:

- I. Auxiliary Powerplants
- II. Unducted Fans
- III. Fire Protection Systems
- IV. Lubrication Systems
- V. Fuel Metering Systems
- VI. Engine Fuel Systems
- VII. Electrical Systems
- VIII. Ignition and Starting Systems