

Course Objectives/Course Outline
Spokane Community College

Course Title: Advanced Diagnosis of Electronics

Prefix and Course Number: Auto 104

Course Learning Outcomes:

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

- Demonstrate knowledge of and ability to use automotive tool systems, their components, operations and safety.
- Demonstrate knowledge of and ability to use testing equipment. Demonstration of knowledge of and ability to use dealership tire service, repair, lube station, and computer based information systems.
- Demonstrate shop experience using an automotive computer based information system, lube application, disposal and tire application.

Course Outline:

- I: Automotive Tool Systems
 - A. Components
 - B. Operation
 - C. Safety
- II. Testing Equipment
 - A. Using dealership tire service equipment
 - B. Using dealership tire repair equipment
 - C. Using dealership lube bay station equipment
 - D. Using dealership computer based information systems
- III. Practical Shop experience and application of :
 - A. Automotive computer based information systems
 - B. Lube application
 - C. Lube disposal
 - D. Tire Application