

AUT 213 Automotive Servicing 2

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

Course description. This course is a lab used as an alternative to co-op placement. Emphasis is placed on shop operations, troubleshooting, testing, adjusting, repairing, and replacing components using appropriate test equipment and service information. Upon completion, students should be able to perform a variety of automotive repairs using proper service procedures and to operate appropriate equipment.

Course Hours per Week: Class, 3. Semester Hours Credit, 3.

d2MCID 8 BDC522: o € 6)MC

- C. Industry Regulations
 - a. National highway Transportation Safety Administration
 - b. Society of Automotive Engineers
 - c. International Standards Organization
 - d. American Petroleum Institute
 - e. Environmental Protection Agency
- III. Automotive Shop Operations
 - A. Dealership
 - a. Pay Plans
 - b. Benefits
 - c. Functional Layout
 - d. Procedures
 - e. Training
 - B. Independent Repair Facilities
 - a. Pay Plans
 - b. Benefits
 - c. Functional Layout
 - d. Procedures
 - e. Training
- IV. Work-based activities
 - A. Provide customer service opportunities under the direct supervision of the program instructor.
 - a. Develop and apply 'real world' experience.
 - b. Demonstrate effective diagnosis, service, and repair skills when working on vehicle systems
 - c. Compose documentation of service and repair work performed on customers' vehicles, in compliance with automotive industry standards.
 - d. Demonstrate sound theoretical knowledge of automotive systems when working in a commercial automotive repair setting.
 - e. Recognize the importance of researching service and repair procedures while working in a commercial automotive repair setting.
 - f. Demonstrate effective communication skills both written and oral.

REQUIRED TEXTBOOK AND MATERIAL:

The textbook and other instructional material will be determined by the instructor.