

## 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.

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- 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.