Course Description

Provides practice with technical and workplace skills in an automotive shop environment where diagnosis, repair, quality control, and service learning come together. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

General Course Purpose

This capstone experience provides service learning using standard automotive shop practice. As a result of student participation in this course, student workplace competencies will increase, the capacity of community organizations to serve others will increase, and low-income populations will be served.

Course Prerequisites/Corequisites

Prerequisites: AUT 100, AUT 111, AUT 241 and AUT 265 Additional coursework or prior experience is helpful in this course.

Course Objectives

Upon completing the course, the student be able to:

- Have practiced live shop processes from vehicle intake through delivery
- Identify, complete, and document relevant technician competencies
- Demonstrate effective workplace practices (on time, appropriate dress, positive attitude, etc.)
- Apply applicable safety principles while in class and laboratory environments
- Practice components of service learning (action, problem solving, reflection, purposeful learning)
- Demonstrate an understanding of community needs and an appreciation for community service
- Practice effective teamwork in leading and supportive roles

Major Topics to be Included

- Community Service
- Communication
- Customer Satisfaction
- Job Site Safety
- Diagnostic Process
- Proper Use of Diagnostic Tools
- Proper Use of Service Tools and Equipment
- Quality Control
- Job Documentation
- Teamwork
- Leadership