

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY AUT 136 – AUTOMOTIVE VEHICLE INSPECTION (2 CR.)

Course Description

Presents information on methods for performing automotive vehicle safety inspection.
Lecture 1 hour. Laboratory 2 hours. Total 3 hours per week.

General Course Purpose

Prepares students for the Virginia State Safety Inspector written and practical exam.

Course Prerequisites/Corequisites

Students must attend first class meeting to meet with Virginia State Police representative on course requirements and qualifications necessary for obtaining Virginia State Safety Inspection license.

Course Objectives

Upon completing the course, the student will be able to:

- Identify and inspect major vehicle components.
- Identify failure criteria of component inspected.
- Explain Virginia vehicle safety regulations and requirements.
- Perform Virginia State Safety inspections.
- Explain licensing procedures and requirements for State Safety Inspectors.
- Discuss findings with car owner and estimate cost of repairs needed

Major Topics to be Included

- Brakes Inspection
- Tires Inspection
- Emissions Equipment
- Lights
- Steering and Suspension
- Mirrors
- Windshield and Windows
- Seat Belts
- Fuels
- Floor Pan
- Hood
- Defrost and Fogger Operation
- Safety Devices and Indicators