

# AUTOS I

IND 221/222 • Semester, year

Jeff Clarke

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 available periods 1,2,3,7,8,9

### Course description\*

This class is designed to give the student an introductory look at the automobile and the automotive industry. Basic automotive systems and operations are discussed. Students gain hands-on experience in the lab and will begin to develop diagnosis and repair skills. Topics include safety, tools, the four-stroke cycle, fasteners, and different engine systems.

### Credit weight\*

College Prep

[Link to published core curriculum map\\*](#)

### Priority Standards\*

Semester 1	Semester 2
Demonstrate and apply all safety and pollution prevention training in accordance with NATEF current practices	Identify and inspect ignition system components; analyze and repair ignition system concern.
Identify and demonstrate the proper use of hand tools and general shop equipment	Identify and inspect fuel and air-induction components; analyze and repair fuel and air induction system concern.
Interpret and demonstrate basic math and measurement skills found in automotive applications	Demonstrate tire and wheel service procedures.
Identify and demonstrate the use of automotive fasteners, gaskets, and torque procedures	Demonstrate basic automotive fluid service and routine maintenance procedures.
Identify general engine operating principles and evaluate engine repair concerns	

Grading Categories* (Common for all instructors of this course)	Category Percent Weights* (Common for all instructors of this course)
Tests	25%
Projects	75%

**Leyden High School D212 Common Grading Scale\*: 90 - 100 A; 80-89 B; 70 - 79 C; 60 - 69 D; Below 60- F**  
 Grades in this class will be updated **weekly** (minimum) and are available via the [eSchool Home Access Center](#)

**Materials Needed**

- Pen or pencil
- Folder
- Chromebooks
- Safety Glasses\*
- Classroom Textbook: Modern Automotive Technology\*

\*Provided in class

**Retake/Late Work/Missing Assignment Policy**

If at any time you feel your grade for an assignment or test is unacceptable you will be given a chance to redo the work. Arrangements must be made for an appointment before or after school. Missing assignments will be counted as a zero until they are turned in.

**Other information**