

## Central Academy

### Course Information

Course Name: Automotive  
Technology/Intro/Level1/Level2/Engine  
Repair  
Course Number / Section IT 16/IT17/  
Term / Year: Spring /2016  
Days: Monday-Friday

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### Instructor Information

Instructor: Doug Mayhew  
Office Location: CATA RM 819  
Office Days / Hours :Monday-Friday 8:00-  
4:30  
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### Supervisor Information

Roger Pressley  
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### General Description:

Intro to transportation is a basic entry level course where students learn shop safety, tools and equipment. Students will also learn automotive history and the importance of transportation to the economy.

Auto Tech I students will be introduced to current repair techniques for the modern automobile. Students will learn various systems such as brakes, steering and suspension, and light engine repair.

Auto Tech 2 students will be more advanced learning manual and automatic transmissions service and repair as well as more advanced electrical repairs.

Small engine students will learn how to properly diagnose and repair many versions of small engines.

**Goals and Objectives:**

All students will learn how to properly perform each of the task on their respective task list. Students should be able to pass the ASE MLR test after completing these courses.

1. Repair Tires
2. Properly Change oil and filter
3. Repair minor brake issues
4. Diagnose engine concerns
5. Know all the major components of engines and transmissions
6. Know all the safety concerns in the shop.
7. Know how to properly use tools and equipment.
8. Understand automotive history

**Grading:**

All grading will be done on a ten point scale as follows.

A=90-100

B=80-89

C=70-79

D=60-69

**Tutoring:**

Tutoring will be available on Monday and Thursday mornings from 8:00 Until 8:30 for all classes.

Tutoring will also be available during regularly scheduled cougar times.

**Supplies:**

Students will be expected to bring paper and pencils as well as a

notebook for class. Students will also need closed toe shoes and safety glasses for use in the shop.

**Resources:**

Students will need chrome books for use of resources such as Canvas and CDX as well Alldata. These resources are in place for students.

**Assessments and Assignments:**

Students will have daily classroom assignments and quizzes each week. There will be a test at the end of each section. Students will also take two benchmarks and 1 semester exam during the course.

**Make up rules:**

Students will be given three days to make up any missed work or incomplete work. After three days no late or missed work can be accepted unless circumstance allow.

**Class Expectations:**

Student should be in class on time ready to work. No profanity will be tolerated. No unnecessary talking allowed. No bullying tolerated. Students should respect teacher and other students at all times. No horseplay is allowed in the classroom or in the shop area.

**Online Learning Platforms:**

Students will be involved in several online platforms. Students will be given assignments on Canvas as well as the CDX website.

Instructor Doug Mayhew

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