**Mr. M Stewart** **Tune UP and Emissions 120** **2023-2024**

**Goals:**

 1. To introduce and enhance student awareness of working in a safe work environment and safe work practices

 2. To introduce the student to the theory of operation and the basic service of the automotive fuel, ignition and emission systems

 3. To give student understanding of the function of the emission system and its components and to practice basic service procedures.

**Text:** CDX Automotive online

 Modern Automotive Technology

**Course outline:**

1. Automotive Service Shop Safety
2. CDX Chapter 65 Intake and Exhaust Systems
3. CDX Chapter 61 Ignition Systems
4. CDX Chapter 62 Gasoline Fuel Systems
5. CDX Chapter 63 Engine Management Systems
6. Tune Up and Emissions Final Exam

**\*This is a tentative outline and may be subject to change**.

**Teaching Method:** Material will be covered using lectures, CDX online, text and in-shop practical.

**Literacy Plan**: - Students are required to go through online material and answer questions. All student activity is monitored by the program and the instructor and any difficulties that may need to be addressed are noticed quickly.

* Student text within the program is followed by video in most cases aiding comprehension.

**Evaluation: Safety Assessment 5%**

 **CDX Online 15%**

 **Practical Performance 50%**

 **Exam 30%**

**Note: If you miss 7 days or fewer in all classes and have completed all the requirements for the course, and you are passing, you can choose to take 15%, 30% or 50% on your Cumulative Demonstration of Learning. Also, three tardies counts as one absence.**