**Mr. M Stewart** **Automotive Electrical Systems 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 electrical system.

 3. To give student understanding of the function of the electrical 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. Chapter 50 Principles of Electrical Systems
3. Chapter 51 Electrical Components and Wiring
4. Chapter 52 Meter Usage and Circuit Diagnosis
5. Chapter 55 Lighting Systems
6. Automotive Electrical Systems 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.**