**Mr. M Stewart** **Power Train and Chassis 110** **2023-2024**

**Goals:**

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

2. To give the student and understanding of the power train and chassis components and how they relate to the rest of the mechanics of the vehicle

3. To introduce the student to the basic services performed on the power train and chassis

**Text:** CDX Automotive online

Modern Automotive Technology

**Course outline:**

1. Automotive Service Shop Safety
2. CDX Chapter 43 Principles of Braking
3. CDX Chapter 44 Hydraulics and Power Brakes Theory
4. CDX Chapter 45 Servicing Hydraulic Systems and Power Brakes
5. CDX Chapter 46 Disc Brake Systems
6. Power Train and Chassis 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.**