



Crocus Plains Regional Secondary School

Course Outline

Program: Automotive Technology

Course Title: AUB30S- Chassis Fundamentals and Service

Teacher: T. Sloane

Course Description: A student wanting to develop skills in the automotive industry must have knowledge of the basic principles of the vehicle chassis and its steering systems. The student will be able to describe, diagnose, and repair, steering, and suspension systems. The student will develop an understanding of the principles of wheel suspension and steering alignment and be able to apply the principles to diagnose and align steering systems.

Students who successfully complete this course will be able to:

- Describe and demonstrate the ability to perform a four-wheel alignment
- Describe and demonstrate the procedures used to repair and/or replace tires and wheel assemblies
- Describe the procedures used to adjust, repair, and/or replace hubs and bearings
- Describe and demonstrate the procedures used to adjust, repair, and/or replace suspension system components
- Describe and demonstrate the procedures used to adjust, repair, and/or replace steering system components

Course Evaluation Structure:

• Theory Assignments:	25%
• Practical Assignments & Projects:	50%
• Final Assessment	25%
Total	100%

