

Chassis 30S

Credit Value: 1.0

Overview:

The Power Mechanics program at Minnedosa Collegiate consists of 12 credits:

- 1 credit at the Grade 9 level
- 2 credits at the Grade 10 level
- 6 credits at the Grade 11 level
- 2 credits at the Grade 12 level

There are no pre-requisites at the Grade 9 level. Students wishing to enroll in a full credit program at the Grade 11 and Grade 12 levels will require at least 2 credits at the Grade 9 and Grade 10 levels as a pre-requisite. Students completing a full credit Power Mechanics program will be eligible to graduate with a Vocational high school diploma. In Grade 11 and 12 the completion of the academic core courses (ELA, Math, PE) in the first semester of the school year is also a pre-requisite.

Pre-requisite: 2 credits from the Grade 9 & Grade 10

Course Description:

In this section, students will develop an understanding of the various steering and suspension systems in use today by performing chassis repair and wheel alignments using a front-end alignment machine. Students will learn to identify the different types of suspension systems and the components that make up each system. Students will also diagnose problems related to steering geometry through the interpretation of tire wear characteristics. Steering gear service and adjustment as well as rack and pinion replacement will also be included in this section.