

Brake Systems 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:

Students in this course will become familiar with the various types of automotive braking systems and the correct procedures for performing preventative maintenance and repairs on these systems. Students will learn to operate a brake lathe and how to service wheel bearing assemblies on front and rear wheel drive vehicles. Classroom studies will focus on the various types of automotive braking systems currently in use, as well as hydraulics and the hydraulic principles and controls related to the various braking systems.