

Power Mechanics 10S

Credit Value: 1.0

Pre-requisite: none

Course Description:

Introduction to Power Mechanics 10S will give students an opportunity to explore a future in the areas of power mechanics through a variety of hands-on shop activities and classroom studies. The practical portion of the program will provide students with opportunities to develop skill in the safe and proper care and use of trade-related hand and power tools, precision measuring instruments, and shop equipment. Students will also be given the opportunity to work on small gasoline engines. Shop organization and safe working procedures will be emphasized at all times. Major units of classroom study will include career opportunities and apprenticeship training schedules in the power mechanics trade areas, shop organization and safety rules, cutting tools, soldering, welding and brazing, basic hand tools, automotive fasteners, precision measuring tools, seals, bearings, tubing and gaskets.

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.