

Course: Mathematics 10 Workplace

Course Format: Online

Credits: 4

Description: The goal of this course is to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force.

Content Learning Standards:

- Number: financial literacy: gross and net pay
- Computational Fluency: puzzles and games for computational fluency
- Patterning
- Geometry and Measurement: primary trigonometric ratios; metric and imperial measurement and conversions; solving problems involving surface area and volume; angles
- Data and Probability: create, interpret, and critique graphs; central tendency; experimental probability; financial literacy: gross and net pay
- Financial literacy: regardless of the course selections made by students, there is a common experience in Mathematics that includes financial literacy
- First Peoples perspectives are reflected throughout the learning standards

Curricular Competency Development Learning Standards:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

After successful completion of Workplace Mathematics 10 students can choose to take History of Mathematics 11 (for graduation) or Workplace Mathematics 11 to continue to develop the conceptual knowledge and skill set that will be useful for them moving forward to some post-secondary institutions focusing on trades and/or directly into the workforce.

Please note the **Provincial Graduation Numeracy Assessment** should be written in grade 10 and is a requirement for graduation.

Recommended Prerequisite: Mathematics 9

Resources: Online course materials are provided. Personal computer and internet connection are required (not supplied by SAIL). Please note: online course platform is not fully compatible with tablets or smartphones.

