

New Westminster Online Learning School

Workplace Math 11:

Course Description

Workplace Math 11 uses algebra and trigonometry to solve practical math applications. The study of shapes, linear geometry and statistics will help students who prefer to study technical applications upon graduation. Foundations of Math Principles 10 or Workplace Math 10 are prerequisites.

Course Expectation

Students are expected to login at least 3 times per week. Students are expected to complete the first assignment within 2 weeks of enrolling and to finish the course within 5-months. They are expected to be in communication with their teacher when they have questions and if they need additional time. Students are expected to submit their own work.

Enduring Understanding/Big Ideas_(taken right from [bced.gov.bc.ca](https://curriculum.gov.bc.ca))

Students will focus on:

- Learning sound banking, investing and financial decision making.
- Being able to interpret and analyze data relationships.
- Becoming fluent, flexible and strategic in thinking about numbers

Specific Learning Outcomes

Can be found at <https://curriculum.gov.bc.ca/curriculum/mathematics/11/workplace-mathematics>

Course Content

Module 1	Number Relationships
Module 2	Financial Decision Making and Compounding Interest
Module 3	Geometry and Measurement
Module 4	Linear Equations and Spreadsheets
Module 5	Data Analysis, Statistics & Probability

Student Learning Activities and Strategies

All materials, lessons, assignments, and assessments are online and use a combination of text, short videos, worksheets, links to websites, practice questions and online quizzes. Email instruction is also employed to help student 1 on 1.

Assessment

- At home quizzes and password protected tests may be employed
- Online assignments allow students to research and submit graded responses
- Paragraph submissions are also graded

Evaluation

Learning Activity	Percentage of Final Mark
7 assignments	40%
4 tests	60%
Total	100%

Resources

All materials are online, so access to a reliable high-speed internet is essential, and students use a laptop, desktop, or Chromebook. No textbook or workbook is required.