

Apprenticeship & Workplace Math 11 – ONLINE - Course Outline

Read this course outline before starting your course

Course Overview

Course content is delivered entirely online while assignments are submitted on paper, or by digital delivery through an online “drop-box”. This course consists of 4 modules. Each module consists of 1 or 2 units. Each unit consists of a group of lessons. After each unit is a send-in assignment that is submitted for marking and after each module is a supervised test that must be written.

Accessing Your Course

You will be sent an email containing a link giving direct access to your course, along with your logins and passwords. If you have problems logging in, contact the school.

Course Evaluation

Assignments	25% of final mark
Tests	75% of final mark
Total Mark	100%

Materials Required for the Course

Calculator, Grid Paper, Computer with Internet Access, Email Account

Important ** Important ** Important

1. Email is one of the best ways to communicate with your teacher. If leaving a message by phone, be sure to leave a clear message with your name and phone number.
2. To book a test call the school and ask for the testing center. Our test supervisor will help you to arrange a time that works for you. If leaving a message on her answering machine, speak clearly and leave your full name and phone number.
3. Tests written prior to assignment submissions are held for marking until the assignments are received.
4. **There are no test rewrites and no assignment resubmissions.** Do not send in blank questions. Seek the help you need before your paper is marked, not after.
5. Self Marking Assignments. Each lesson has self-marking activities with answer keys provided. Checking your work, helps check your understanding as you proceed through the course. Do all practice work before attempting your send in assignments.
6. **Updates, Errors, and Omissions** - Check your teacher's website for any updates, errors, or omissions to your course materials before beginning. If you find a mistake that has not been identified, help others by reporting it to your teacher.

7. **Lost Assignments** - If an assignment is lost in transit, students are required to resubmit the "lost assignments" for marking. It is a good idea to make a copy of your assignment before submitting it.
8. Contact your teacher if you will not be working on your course for a period of time
9. **Course Expiry** - You have 12 months from the start of your course before your course expires without extension.
10. **If you need to complete a percent of this course to attend your school valedictory ceremony, you must have that percent of the course completed and turned in by April 15 at the latest.** Previous experiences have shown that failure to meet this deadline will prevent you from participating in the Valedictory Ceremony.
11. **Academic Probation and Withdrawal** - Students must be actively working on their courses on a regular basis as indicated by submission of assignments, test completion, or communication with their teacher. Lack of regular activity results in a student being placed on Academic Probation. Continued lack of activity then results in withdrawal from the course. Contact you teacher if you need more than three weeks to submit your next assignment or write your next test, or if you are getting behind. It is your responsibility to communicate your circumstances to your teacher

Apprenticeship & Workplace Math 11 – Completion Schedule

DE allows students flexibility in school work; sticking to a schedule ensures timely completion to achieve your goals. **Use the following table to complete your course in 18 weeks (1 semester).** You may choose to complete the course faster or slower. You have one year until your course expires.

Week	Activities
Week 1	Module 1 – Unit 1 – Lessons 1, 2
Week 2	Module 1 – Unit 1 – Lessons 3, Send-In Assignment for Unit 1
Week 3	Module 1 – Unit 2 – Lessons 1, 2
Week 4	Module 1 – Unit 2 – Lessons 3, Send-In Assignment for Unit 2
Week 5	Module 2 – Unit 3 – Lessons 1, 2 Review for Module 1 Test
Week 6	Write Module 1 Test Module 2 – Unit 3 – Lessons 3, Send-In Assignment for Unit 3
Week 7	Module 3 – Unit 4 – Lessons 1, 2
Week 8	Review for Module 2 Test Write Module 2 Test
Week 9	Module 3 – Unit 4 – Lessons 3, 4 Send in Assignment for Unit 4
Week 10	Module 3 – Unit 5 – Lessons 1, 2
Week 11	Module 3 – Unit 5 – Lessons 3, Send in Assignment for Unit 5 Review for Module 3 Test
Week 12	Module 4 – Unit 6– Lessons 1, 2 Review for Module 3 Test
Week 13	Write Module 3 Test Module 4 – Unit 6 – Lessons 3
Week 14	Module 4 – Unit 6 – Lesson 4, Send in Assignment for Unit 6
Week 15	Module 4 – Unit 7 – Lesson 1, 2
Week 16	Module 4 – Unit 7 – Lessons 3, Send-In Assignment for Unit 7
Week 17	Review for Module 4 Test
Week 18	Write Module 4 Test

Module 1: Trigonometry and Rate of Change

Unit 1 – Trigonometry: Using Trig Ratios to solve Triangles; Problems involving Right Triangles; Problems involving two Right Triangles; Send-In Assignment

Unit 2 – Rate of Change: Slope; Calculating Grade; Calculating Slope on a Grid; Send-In Assignment

Module 2: Displaying Numerical Data on Graphs

Unit 3 – Numerical Data on Graphs: Line Graphs; Bar Graphs and Histograms; Circle or Pie Graphs; Send-In Assignment

Module 3: Surface Area, Volume, and Scale Representation

Unit 4 – Surface Area and Volume: Surface Area of Prisms, Pyramids, Cylinders, Cones; Volume of Right Prisms, Cylinders, Spheres, Cones, and Pyramids; Send-In Assignment

Unit 5 Scale Representation: Scale Models; Two Dimensional Scale Drawings; Three Dimensional Scale Drawings; Send-In Assignment

Module 4: Banking and Budgets

Unit 6 – Banking: Type of Bank Accounts; Simple and Compound Interest; Type of Credit Cards; Loans, Lines of Credits, and Overdraft Protection; Send-In Assignment

Unit 7 – Budgets: Organizing a Budget; Making a Budget; Monitoring a Budget; Send-In Assignment

This course is based on the learning outcomes for Apprenticeship and Workplace Math 11 viewable at:

http://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math_app_work11.pdf

Full Curriculum:

http://www.bced.gov.bc.ca/irp/course.php?lang=en&subject=Mathematics&course=Mathematics_10_to_12&year=2008