



Apprenticeship and Workplace Math 11

Instructor: Randolph Decker

Email: rdecker@sd40.bc.ca

Phone: 604-517-6191

This course is designed 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. This course satisfies the math 11 requirement for Grade 12 graduation.

Over 10 chapters you will cover a variety of topics, including trigonometry, measurement and finance:

Chapter 0: Review of Fundamentals	Chapter 5: Interest: Borrowing Money
Chapter 1: Interest: Investing Money	Chapter 6: Slope and Rates
Chapter 2: Working with Graphs	Chapter 7: Drawing Objects and Shapes
Chapter 3: Surface Area	Chapter 8: Managing Money
Chapter 4: Volume and Capacity	Chapter 9: Solving Right Triangle Problems

For BC Ministry of Education information about this course:

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

Resources

Lessons and tests are online; the lessons use a combination of text, short videos, interactive animated exercises and links to websites to help you understand the concepts.



The only required text is the workbook (\$25), an excellent source of exercises for practice:

Mathematics for Apprenticeship and Workplace 11
Nelson Education Ltd. 2011 (ISBN 978-0-17-650416-8)

This workbook contains practice problems and, even though these exercises are not for marks, they are good preparation for the chapter tests.

Note: The workbook pages you need for Chapter 0 and Chapter 1 are available online, so you can get started immediately. Once you have written the Chapter 1 Test, you will need to get the workbook.

You will also need a scientific (not graphing) calculator.

Assessment

Your final mark is based on the average of the 10 chapter Tests. Tests are linked to learning outcomes, and what you need to understand is clearly defined.

To Begin

Once you have registered, go to our website (<http://www.virtualschoolbc.ca>), log in and follow the instructions on the AW Math 11 Home Page.

Note: students are expected to complete their online course within a 4-5 month period of time, but do have up to two semesters. Be in touch with your teacher if this becomes necessary.