Apprenticeship and Workplace Math 11
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Description
This course is designed to provide you 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 the 10 chapters in this course 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

The **prescribed learning outcomes** can be found by visiting the Ministry of Education's website:
http://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math_app_work11.pdf

Please Note: Students have up to two semesters to complete the course.

Required 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)

The 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 then need to get the workbook.

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

Assessment Strategies and Performance Standards
Your final mark will be based on the average of the 10 chapter Tests. Tests are linked to learning outcomes, and what you need to understand clearly defined.

Further information about the BC Performance Standards and about reporting practices can be found at http://www.bced.gov.bc.ca/perf_stands/ and www.bced.gov.bc.ca/classroom_assessment/09_report_student_prog.pdf

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.