

**Course Outline:** Grade 11 Mathematics for Work and Everyday Life

**Teacher:**

**Credit Value:** .5

**Course Code:** MEL3E/4E5/6

**Prerequisite:** None

**Course Description:** This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

<b>Units of Study: (Order subject to change)</b>	<b>Length: (subject to change)</b>
Unit 0: Skills Review	2-3 days
Unit 1: Cost of Travel	2.5 weeks
Unit 2: Simple and Compound Interest	2.5 weeks
Unit 3: Investing and Cost of Borrowing	3.5 weeks

**Assessment & Evaluation:**

<b>Term Work:</b>	<b>70%</b>	<b>Final Summative:</b>	<b>30%</b>
Tests	= 20%	Summative/Exam	=30%
Quizzes	= 15%		
Assignments	= 20%		
Journals	= 15%		

**Within each Curriculum Strand, the following Achievement Chart Categories will be used for individual evaluations:** Knowledge/Understanding, Thinking/Inquiry, Communication, Application

**Learning Skills and Work Habits:** The following Learning Skills and Work Habits are evaluated regularly using a scale of Excellent, Good, Satisfactory or Needs Improvement:

- Responsibility
- Organization
- Collaboration
- Initiative

**Growing Success:** Students will be assessed through a combination of conversation, observation, and product. Success criteria, exemplars and ongoing descriptive feedback will be used to support student learning. Assessment will be varied in nature, and administered over a period of time to provide multiple opportunities for students to demonstrate the full range of their learning. The final grade should reflect the student's most consistent level of achievement, with special consideration given to more recent evidence. (*Growing Success, 2010*)

**Teaching Strategies:** A variety of teaching and learning strategies will be incorporated throughout the course.