

## Course Outline: Mathematics for Workplace and Everyday Life: MEL 3E

**Teacher:**

**Credit Value:** 0.5

**Course Code:** MEL 3E6

**Prerequisite:** MFM 1P1/MFM 1D1/MFM 2P1/MFM 2D1/ MAT 2L1

### 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.

Curriculum Strands:	Units of Study:
REVIEW	Unit 1: Numeracy Skills Review
Saving	Unit 2: Banking Transactions and Saving Money
Investing	Unit 3: Investing Money
Transport and Travel	Unit 4: Borrowing Money
	Unit 5: Taking a Trip
	Unit 6: Buying a Car

### Assessment & Evaluation:

Term Work:	70%	Final Summative:	30%
UNIT Assignments	= 15%	Summative Project/Review	= 15%
Quizzes	= 15%	Final Exam	= 15%
In Class/Take Home Assignments	= 10%		
Tests	= 30%		

**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
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

**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.