

## Course Outline: Mathematics for Workplace and Everyday Life: MEL 4E

Teacher:

Credit Value: 0.5

Course Code: MEL 4E6

Prerequisite: MEL 3E

### Course Description:

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of proportional reasoning; estimate and measure; apply geometric concepts to create designs and how to prepare a personal income tax form. 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
Income Taxes	Unit 2: Personal Income Taxes
Applications of Measurement	Unit 3: Proportional Reasoning
	Unit 4: Measuring and Estimation
	Unit 5: Application of Measurement

### 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.