

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

Teacher: _____ **Credit Value:** 0.5
Course Code: MEL 4E5 **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 statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs and create household budgets. 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
Reasoning With Data	Unit 2: Interpreting and Displaying Data
Personal Finance	Unit 3: Probability
	Unit 4: Accommodations
	Unit 5: Budgets

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.