



Grade 12 - MEL4E Mathematics for Work and Everyday Life

General Course Information

Prerequisite:	MEL3E
Department:	Mathematics Department
Extra Help:	By appointment
Workbook and Replacement Cost:	Mathematics for Everyday Life 12, Irwin,
Material Required:	Three-ring binder, writing utensils, calculator, student agenda
Course Fee:	N/A

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, create household budgets, and prepare a personal income tax return; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

The course is organized into 3 strands:

- **Reasoning with Data**
- **Personal Finance**
- **Applications of Measurements**

A detailed list of the course expectations can be found at
<http://www.edu.gov.on.ca/eng/curriculum/secondary/math1112currb.pdf>

Assessment and Evaluation

To promote student success, ongoing assessment and feedback will be given regularly to the students. A variety of assessment and evaluation strategies will be used in this course, including tests, quizzes, assignments, and projects. Expectations will be evaluated based on the provincial curriculum expectations and the achievement levels outlined in the ministry document.

Expectations are organized into four categories of knowledge and skills. The categories and their corresponding weighting is as follows:

Knowledge and Understanding	35%
Thinking	15%
Communication	15%
Application	35%

Each student's final mark will be in the form of a percentage grade based on their achievement in the 4 categories on the achievement chart. The breakdown of the final mark is as follows:

Term Evaluation	70%
Final Evaluation	30%

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to *School Procedures* in the student agenda.