

Our Lady of Lourdes Catholic High School

Course Overview

COURSE TITLE: Mathematics for Work and Everyday Life, Workplace Preparation

COURSE CODE: MEL 3E1

CREDIT VALUE: 1.0

SCHOOL YEAR: 2012-2013 Semester 2

TEACHER:

Mrs. Foulger

COURSE DESCRIPTION:

This course enables students to broaden their understanding of mathematics as it is applied in the work place and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply 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 mathematical skills as they solve problems and communicate their thinking.

This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who evaluates situations and solves problems reflectively and creatively.

HOW THIS COURSE SUPPORTS THE ONTARIO CATHOLIC GRADUATE EXPECTATIONS:

This course encourages the Catholic learner to develop his/her God-given gifts and abilities to promote growth toward personal responsibility in preparation for a chosen career path. Throughout this course, emphasis should be placed on moral, ethical, and realistic decision-making in an effort to build responsible citizenship. The classroom environment should instill a spirit of cooperation, rather than competition amongst students, and foster a collaborative sense of community. This course provides many opportunities for students to work effectively as interdependent team members and to acknowledge and respect others for their opinions. Please see the Course Calendar / Agenda Book for a listing of the Ontario Catholic Graduate Expectations.

UNIT TITLES: (Sequence and Time)

Working and Earning	7 Periods
Deductions and Expenses	8 Periods
Making Purchases	12 Periods
Buying Decisions	9 Periods
Banking Transactions and Saving Money	9 Periods
Investing Money	8 Periods
Taking a Trip	8 Periods
Borrowing Money	9 Periods
Transportation and Travel	12 Periods
Culminating Activity	6 Periods

ASSESSMENT and EVALUATION:

COURSE GRADE WEIGHTING:		CATEGORY WEIGHTING:	
Term Work	70%	Knowledge and Understanding	40%
Final Assessment	30%	Application	40%
		Communication	10%
		Thinking / Inquiry / Problem Solving	10%

Students will be assessed using a variety of techniques including: unit tests, quizzes, assignments, investigations, and a final culminating activity.

LATE/MISSED ASSIGNMENTS:

Students are expected to complete and/or submit all assessment and evaluation activities on the date determined by the teacher. The teacher (and/or principal when necessary) will decide if a late activity will be accepted for evaluation purposes or only for formative assessment with not level/mark recorded for grading.

CHEATING AND PLAGIARISM:

Please see information regarding this topic in the Catholic Student Planners.

GENERAL COURSE INFORMATION:

- Learning Skills: regular attendance, working independently, teamwork, organization, work habits, initiative, risk-taking, time-management, perseverance, questioning, curiosity and a love of learning are all essential to success in this course.
- A scientific calculator, graph paper and computer diskettes are required.
- Graphing calculator number: _____ Textbook number: _____

APPROPRIATE USE OF GRAPHING CALCULATORS:

Students will be provided with graphing calculators to be used at school only. In keeping with Board Policy on Telecommunications: Any malicious attempt to harm or destroy the calculator is prohibited and may result in financial compensation and/or other disciplinary action consistent with the School Code of Behaviour, Board Policy and/or the Education Act. Likewise, theft or loss, through negligence, of the calculator will result in a cost replacement by the student/parents of \$150.00.

PARENT / GUARDIAN / STUDENT SIGNATURE:

My signature below indicates that I have read and understood the course overview. I also understand the implications of the technology agreement outlined above.

Student Signature: _____

Date: _____

Parent / Guardian Signature: _____

Date: _____

If you have any questions or concerns please contact the teacher at the school: (519) 836-2170 ext. 316
This signed course overview document must be kept in the student's notebook.