



ST. THOMAS AQUINAS SECONDARY SCHOOL

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We believe that each one, created in the image and likeness of God, is called by name into the Dufferin-Peel community to realize the Ontario Catholic School Graduate Expectations to the fullest extent as we all journey from the early years to vocation.

COURSE OUTLINE

Department Name:	Mathematics
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Course Name:	Grade 11 College Mathematics
Course Code and Section:	MBF3C1

Course Description:

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: MFM2P1 (10 Applied) or MPM2D1 (10 Academic)

Strand / Units	Catholic Graduate Expectations
1. Trigonometry 2. Probability 3. One Variable Statistics 4. Quadratic Relations 1 5. Quadratic Relations 2 6. Exponents 7. Compound Interest 8. Personal Finance 9. Design Geometry	The course will help students address the Ontario Catholic School Graduate Expectations that they adopt a holistic approach to life by integrating learning from various subject areas and experience, including ... 1) A reflective and creative thinker who evaluates situations & solves problems. 2) A self-directed, responsible learner who sets appropriate goals and priorities in school, work and personal life, and applies effective communication, decision-making, problem-solving, and time management skills. 3) A collaborative contributor who achieves excellence, originality, and integrity in one's own work and supports these qualities in the work of others. 4) A responsible citizen who accepts accountability for one's own actions.

Assessment and Evaluation:

Category Weightings	Weight
Knowledge/Understanding	30
Thinking	20
Application	30
Communication	20

Final Summative Assessments	Grade Distribution
Term Work	70
Course Culminating	10
Exam	20