

# HOLY TRINITY CATHOLIC SECONDARY SCHOOL

## COURSE OUTLINE



**Name of Course/Course Code: Foundations for College Mathematics MAP 4C**

**Course Prerequisite: MBF 3C or MCF 3M**

### **Course Description:**

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodations; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

### **Catholic Graduate Expectations:**

The mind and its capacity for rational analysis are seen as gifts from the Creator to be used and enjoyed. The training of the intellect ensures that all knowledge can be scrutinized and the divine and the human more deeply understood. In this sense, knowledge is illuminated with the light of faith. In Catholic education, the commitment to maturity of mind and academic excellence is always in reference to God's revealed wisdom as to life's purpose and meaning.

### **Units of Study**

Strand 1	Mathematical Models
Strand 2	Personal Finance
Strand 3	Geometry and Trigonometry
Strand 4	Data Management

## Evaluation

70%	30%
Knowledge/Understanding	Culminating Task
Thinking/Inquiry	10%
Communication	Exam
Application	20%

## Course Resources Required:

<b>Scientific Calculator</b> <b>Ruler</b> <b>Pencil</b> <b>Eraser</b> <b>Binder with paper</b> <b>Textbook (Provided)</b>
--

For a detailed course description of this course, please visit  
<https://www.edu.gov.on.ca/eng/curriculum/secondary>