

## **Functions and Applications, Grade 11 – College/University Preparation**

### **MCF 3M0**

- In this course, students learn about Functions on Quadratics, Exponential, and Trigonometry
- We do introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric and exponential functions and their use in modeling real-world situations. You will represent functions numerically, graphically and algebraically. You will reason mathematically and communicate their thinking as they solve multi-step problems
- With this course, you can go onto grade 12 University Data Management; grade 12 math for College Technology (can be pre-requisite of MHF 4U0)

**Prerequisite:** Principles of Mathematics, Grade 10, Academic (MPM 2D0) **OR**  
Foundations of Mathematics, Grade 10, Applied (MFM 2P0)