



# Course Overview

**ST. MARY CATHOLIC SECONDARY SCHOOL**

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|                      |                                     |             |                          |         |              |
|----------------------|-------------------------------------|-------------|--------------------------|---------|--------------|
| <b>Academic Year</b> |                                     | 20xx-20xx   | <b>Teacher Name:</b>     |         | Mr./Mrs. xxx |
| <b>Department:</b>   |                                     | Mathematics | <b>Curriculum Chair:</b> |         | Mrs. Chang   |
| <b>Course Title</b>  | Grade 11 Functions and Applications |             | <b>Course Code</b>       | MCF 3M1 |              |
| <b>Prerequisite</b>  | MPM2DA or MPM2D1 or MFM2P1          |             | <b>Grade</b>             | 11      |              |
| <b>Level</b>         | University/College                  |             | <b>Credit Value</b>      | 1       |              |

## Instruction Units

|   |   |
|---|---|
| Unit 1: Exploring Functions<br>Unit 2: Transformations of Functions<br>Unit 3: Function Notation and Inverses<br>Unit 4: Trigonometry | Unit 5: Trigonometric Functions<br>Unit 6: Discrete Functions<br>Unit 7: Financial Applications of Sequences and Series |
|---|---|

## Student Evaluation Criteria

| Term Work                                |    |    |      | Culminating Activities               |    |
|--|----|----|------|--------------------------------------|----|
| Categories                               |    |    |      |                                      |    |
| <b>Major assessment &amp; Evaluation</b> |    |    | 70%  | Culminating Task / Final Exam        | 0% |
| KU                                       | AP | CM | TIPS |                                      |    |
|  |    |    |      |                                      |    |
| <b>Minor assessment &amp; Evaluation</b> |    |    | 30%  |                                      |    |
| <b>Term Total 100%</b>                   |    |    |      | <b>Culminating Activity Total 0%</b> |    |

## Classroom Policies & Procedures

- Arrive to class on time and in uniform
- Bring all necessary materials to each class
- Late and missed assignment(s) may result in the following:
  - Late Assignments: 5% off per day to a maximum of 5 days
  - Later than 5 days, a mark of zero can be assigned.
- Ask for teacher assistance when required
- Work cooperatively with the teacher and other students
- Behave respectfully towards others in the classroom
- If absent, obtain all notes and assignments from the teacher upon return to class if applicable.
- **If a student misses any major assessment and evaluation without notifying the teacher ahead of time, then he/she may receive a mark of zero unless a doctor's note is provided.**
- **If any student is caught cheating, then he/she will receive a mark of zero on the test/quiz and a parent or a guardian will be contacted.**

**Please acknowledge that you have read this outline:**

|              |                          |
|--------------|--------------------------|
| <b>Date:</b> | <b>Parent Signature</b>  |
| <b>Date:</b> | <b>Student Signature</b> |