

# Course Overview

ST. MARY CATHOLIC SECONDARY SCHOOL

1918 Whites Road, Pickering, Ontario L1V 1R9  
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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>   | 12 Calculus and Vectors |             | <b>Course Code</b>   | MCV 4U1 |              |
| <b>Prerequisite</b>   | MHF4U                   |             | <b>Grade</b>   | 12      |              |
| <b>Level</b>  | University              |             | <b>Credit Value</b>  | 1       |              |
| <b>Instruction Units</b>  |                         |             |  |         |              |
| Unit 1: Rate of Change and Limits<br>Unit 2: Derivatives<br>Unit 3: Applications of Derivatives |                         |             | Unit 4: Curve Sketching<br>Unit 5: Representing Vectors<br>Unit 6: Representing Lines and Planes |         |              |

| <b>Student Evaluation Criteria</b>       |    |    |      |                                       |     |
|--|----|----|------|---------------------------------------|-----|
| <b>Term Work</b>                         |    |    |      | <b>Culminating Activities</b>         |     |
| <b>Categories</b>                        |    |    |      |                                       |     |
| <b>Major assessment &amp; Evaluation</b> |    |    | 50%  | Exam                                  | 30% |
| KU                                       | AP | CM | TIPS |                                       |     |
| <b>Minor assessment &amp; Evaluation</b> |    |    | 20%  |                                       |     |
| <i>Term Total 70%</i>                    |    |    |      | <i>Culminating Activity Total 30%</i> |     |

| <b>Classroom Policies &amp; Procedures</b>  |
|---|
| <ul style="list-style-type: none"> <li>• Arrive to class on time and in uniform</li> <li>• Bring all necessary materials to each class</li> <li>• Late and missed assignment(s) may result in the following:               <ul style="list-style-type: none"> <li>• Late Assignments: 5% off per day to a maximum of 5 days</li> <li>• Later than 5 days, a mark of zero can be assigned.</li> </ul> </li> <li>• Ask for teacher assistance when required</li> <li>• Work cooperatively with the teacher and other students</li> <li>• Behave respectfully towards others in the classroom</li> <li>• If absent, obtain all notes and assignments from the teacher upon return to class if applicable.</li> <li>• <b>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.</b></li> <li>• <b>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.</b></li> </ul> |

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

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