

# MAE 113: CALCULUS FOR THE LIBERAL ARTS

Winter 2020

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<b>Instructor:</b>	Richard Kohar	<b>Time:</b>	M	15:40–16:30
<b>Email:</b>	<a href="mailto:richard.kohar@rmc.ca">richard.kohar@rmc.ca</a>		Th	08:00–09:50
			F	14:40–15:30
		<b>Place:</b>	G325	

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**Description:** This course is intended to emphasize the basic concepts of calculus: functions, limits, derivatives and integrals.

## Main Reference:

- S. Tan, *Calculus for the Managerial, Life, and Social Sciences*, Brooks/Cole Publishing, 4th ed., 1997.
- Additional handouts will be provided by the instructor.

**Office Hours:** After class or by appointment.

**Prerequisites:** MAE 103 or permission of the Department of Mathematics and Computer Science.

**Participation:** Attendance is *mandatory* for all scheduled classes.

**Course Mark:** Your final grade will be based on quizzes, tests, and a three-hour final examination. The mark breakdown is the following:

Quizzes (15%), Test 1 (15%), Test 2 (15%), Final (55%).

**Problem Sets:** A problem set will be assigned each week. These assignments are designed to encourage you to keep up to date with the material. Although they will not be marked, students are expected to complete all problems.

**Quizzes:** Quizzes will occur weekly on Thursdays at the beginning of the class. These quizzes will be based on the assignments of which the student is expected to have completed in preparation. These are to serve as an indication of a student's progress and as feedback in preparation for the tests and final examination.

**Tests and Final Examination:** There will be 2 one-period tests. Any unauthorized absence from the test or exam may result in a mark of zero being awarded. If your absence is authorized, please provide to the instructor the appropriate documentation to support your claim. Make-up quizzes or tests will not be given, so if you legitimately miss one, then your final mark will be calculated using the other marks and a different weighting scheme. A three-hour final exam will be scheduled by the Registrar's Office during the "Winter" examination block.

## Important Dates:

Test 1 ..... 6 February 2020  
Test 2 ..... 12 March 2020  
Final Exam ..... To be announced by the Registrar

**Academic Integrity:** An academic integrity violation, including plagiarism, cheating, and other violations of academic ethics, is a serious academic infraction for which penalties may range from a recorded caution to expulsion from the College. The RMC Academic Regulations Section 23 defines plagiarism as: “Using the work of others and attempting to present it as original thought, prose or work. This includes failure to appropriately acknowledge a source, misrepresentation of cited work, and misuse of quotation marks or attribution.” It also includes “the failure to acknowledge that work has been submitted for credit elsewhere.”

In particular for this class, the use of calculators, mobile phones, slide rulers, abaci, and other calculating devices are strictly forbidden on all quizzes, tests, and final examinations.