MATH 2260 (Ordinary Differential Equations I) — Fall 2014

Instructor:	Scott MacLachlan	**Section**:	001
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Calendar description: 2260 Ordinary Differential Equations I examines direction fields, equations of first order and first degree, higher order linear equations, variation of parameters, methods of undetermined coefficients, Laplace transforms, systems of differential equations. Applications include vibratory motion, satellite and rocket motion, pursuit problems, population models and chemical kinetics.

Prerequisite: Mathematics 2000

Web Site: Class information, assignments, and solutions will be available on my home page as PDF files. The URL is `http://www.math.mun.ca/~smaclachlan/math2260_F14` .

Textbook: *Elementary Differential Equations with Boundary Value Problems* by William F. Trench: `http://ramanujan.math.trinity.edu/wtrench/texts/index.shtml`

Office Hours: Monday, 10:30am–noon, Thursday, 11:00am–noon, or by appointment

Evaluation: 10% Assignments, 20% Midterm 1, 20% Midterm 2, 50% Final Exam

Assignments:

- Homework assignments will be announced in class and posted to the course webpage. They must be handed in no later than 5:00pm on the due date. They may be submitted in class or placed in the marking box.

- In general, late assignments will not be marked. You are allowed two "freebies" in this system, where you can hand in an assignment 24 hours late and still receive credit. These cannot both be applied to the same assignment. To use a freebie, you must email me when you submit the late assignment (to the marking box). If you do not email me to let me know when you use a freebie, the assignment will not be marked.

- If you require a longer extension, due to severe illness, bereavement, or other exceptional reason, please provide me with appropriate documentation (e.g. doctor's note, death notice) and a suggested timeline for completing the work.

Midterm and Final Exams:

- No notes, textbooks, or other aids are permitted. No electronic devices (including calculators and cell phones) are allowed at your desk or on your person during any examination. Possession of such a device will be considered an academic offense and shall be reported as such (see University Regulation 6.11 in the MUN Calendar).

- If you must miss a midterm exam for an acceptable reason, please provide me with appropriate documentation. For foreseeable circumstances, you must notify me in advance of the exam. No makeup midterms will be allowed; in the event of an excused absence for a midterm exam, the grading scheme will be adjusted to 30% for the other midterm and 60% for the final exam.

Supplementary Exams: Students who have a passing term grade but a final mark of between 45–49F (inclusive) may apply to write a supplementary exam. If you pass the supplementary exam, your final mark will be recalculated using the supplementary exam grade in place of the original final exam grade; however, your new final mark cannot exceed your term grade.

Important Dates:

Wednesday, September 17	Last day to add courses
Thursday, October 2	Midterm Exam #1
October 13–14	Midterm Break, no classes
Wednesday, October 22	Last day to drop courses without academic prejudice
Monday, November 3	Midterm Exam # 2
Tuesday, November 11	Remembrance Day, no class
Wednesday, December 3	Last day of lectures

Midterm exam dates are tentative, and will be confirmed in class. In the event of a class cancellation on the date an exam is to be written, check the course website for rescheduling information.