MTHE 224, APPLIED MATHEMATICS FOR CIVIL ENGINEERS FALL 2011 SYLLABUS

1. Course Information

Instructor: Charlotte Haley
email: chaley@mast.queensu.ca
Office: Jeffrey Hall rm 202
Office hours:

Tuesday	1:30-2:30
Wednesday	1:30-2:30
Thursday	3:30-4:30
Or by appointment.	

2. Lectures

Lectures will be held in Macdonald hall auditorium (lower level).

Tuesday	2:30-3:30
Wednesday	1:30-2:30
Thursday	1:30-2:30

3. Labs and Tutorials

Tutorial Instructors: Carly Rozins and Ghady Azar
Jeffrey Hall rm 128
Lab Instructors: Carly Rozins and Dave Riegert
Jeffrey Hall rm 155

4. Textbook

There is no textbook for the course. It is strongly recommended that you purchase the student version of Matlab ($99 at the bookstore).
Course notes and assignment grades will be posted weekly on moodle.
Recommended texts:

- **Statistics** Jay Devore , Probability and Statistics for Engineering and the Sciences. 6th ed.
- **Differential Equations** Nagle, Saff, and Snider, Fundamentals of Differential Equations. 6th ed.

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5. Course Rubric

- Assignments   30%
- Lab Exam   20%
- Statistics Exam   25%
- Differential Equations Exam   25%

Your lowest assignment grade will be dropped (10 assignments).
Assignments will be completed in groups of 2-3 students.

6. Important Dates

- September 19th - October 20th   Statistics
- September 23rd   Last day to drop classes!
- October 27th (tentative)   Mid-term test
- October 25th - December 2nd   Differential Equations
- November 28th (tentative)   Lab exam
- December 7th - 21st   Final exam (Date TBA)

7. Academic Honesty

Academic integrity is constituted by the five core fundamental values of honesty, trust, fairness, respect and responsibility These values are central to the building, nurturing and sustaining of an academic community in which all members of the community will thrive. Students are responsible for familiarizing themselves with the regulations concerning academic integrity and for ensuring that their assignments conform to the principles of academic integrity. Information on academic integrity is available in the Arts and Science Calendar (Regulation 1.), on the Arts and Science website (see http://www.queensu.ca/calendars/artsci/integrity/index.html).
Teaching assistants for the course will be keeping an eye open for violations of academic integrity rules. Offences of academic integrity will receive serious penalties and will result in a failing grade for the course.