

THE UNIVERSITY OF WESTERN ONTARIO  
London Ontario

APPLIED MATHEMATICS 1413  
Applied Mathematics for Engineers I  
Course Outline  
2012-2013

Instructors:

<b>Prof. T. Moschandreou:</b>	Section 001 M W F 9:30-10:30 AM Tutorial 004 T 1:30-2:30 PM Tutorial 005 Th 1:30-2:30 PM	TC 141 SEB 1059 SEB 1200	Office MC 214
<b>Prof. C. Essex:</b>	Section 002 M W F 12:30-1:30 PM Tutorial 006 Th 11:30-12:30 AM	SEB 2200 3M 3250	Office MC 255D (AM main office)
<b>Prof. B. Tudose:</b>	Section 003 M W F 11:30-12:30 PM Tutorial 007 Th 2:30-3:30 PM	SSC 2032 SEB 1200	Office MC 286

Texts:

- *Calculus – A Complete Course, 7<sup>th</sup> edition*, Adams and Essex, ISBN: 978-0-321-54928-0 (Required)
- *Mathematical Handbook, 2<sup>nd</sup> ed.*, by Spiegel & Liu, ISBN# 0-07-03820-34 (Optional)

Overview of the Course:

The course will cover selected material in Preliminaries, Appendices I-III, and Chapters 1-13 in *Calculus*. It is most important that you do the homework assignments. Tutorial quizzes will be taken directly from these assignments.

Method of Evaluation:

20% quizzes (approximately one every two weeks)

20% 1st Midterm Test - **Saturday, November 10, 2012, 7 pm.**

20% 2nd Midterm Test - **Saturday, February 9, 2013, 7 pm.**

40% Final Exam - April Examination Period

Examinations will be *closed book*. *No* computational aids will be permitted.

**Missing Quizzes and Exams:**

Missing an exam or quiz will result in a grade of zero for that exam or quiz, unless permission is granted from the Associate Dean of Engineering. If permission is granted, a prorated mark will be assigned. There will be **no makeups for quizzes or midterms.**

Registration in Tutorials and Lecture Sections

Students **will not receive credit** for writing quizzes in tutorial sections in which they are not registered. Each tutorial session is linked to a particular lecture section and quizzes will be set according to the instructor of that section. You are expected to know which lecture section and tutorial section you are registered in and your attendance at each is required.

## **Addendum to all Applied Mathematics Course Outlines**

If you are unable to meet a course requirement due to illness or other serious circumstances, you must provide valid medical or other supporting documentation to your faculty's Dean's Office as soon as possible and contact your instructor immediately. It is the student's responsibility to make alternative arrangements with their instructor once the accommodation has been approved and the instructor has been informed. In the event of a missed final exam, a "Recommendation of Special Examination" form must be obtained from your faculty's Dean's Office immediately. For further information please see: <http://www.uwo.ca/univsec/handbook/appeals/medical.pdf>

A student requiring academic accommodation due to illness, should use the Student Medical Certificate when visiting an off-campus medical facility or request a Records Release Form (located in the Dean's Office) for visits to Student Health Services. The form can be found here:

[https://studentservices.uwo.ca/secure/medical\\_document.pdf](https://studentservices.uwo.ca/secure/medical_document.pdf)