

**THE UNIVERSITY OF WESTERN ONTARIO**  
**London** **Ontario**

**APPLIED MATHEMATICS 1413**  
Applied Mathematics for Engineers I  
**Course Outline**  
2011-2012

**Instructors:**

<b>Prof. K. Nguyen:</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	SEB 1059 SSC 2024 SEB 2202	Office MC 259
<b>Prof. C. Essex:</b>	Section 002 M W F 12:30-1:30 PM Tutorial 006 Th 11:30-12:30 AM	SEB 2100 SEB 2200	Office MC 255D
<b>Prof. B. Tudose:</b>	Section 003 M W F 11:30-12:30 PM Tutorial 007 Th 2:30-3:30 PM	SEB 2100 UCC 146	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 12, 2011, 7 pm.**

20% 2nd Midterm Test - **Saturday, February 12, 2012, 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 sessions 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)