

WESTERN UNIVERSITY, LONDON, ONTARIO, CANADA

## CALCULUS 1501B SECTION 001 – WINTER 2013

DEPARTMENTS OF MATHEMATICS AND APPLIED MATHEMATICS

- Description** This course is aimed at students who intend to pursue a degree in Mathematics, Applied Mathematics, Physics, Astronomy, Statistics, or Actuarial Sciences. Topics include: The Mean Value Theorem, techniques of integration, sequences and series, differential equations, parametric equations, and polar curves.
- Prerequisites\*** A minimum mark of 60% in one of Calculus 1000A or Calculus 1500A
- Antirequisites** Calculus 1301B, Applied Mathematics 1413
- Lectures** M/Tu/W/F 8:30-9:20am, Middlesex College, Room 105B
- Instructor** Geoff Wild  
Assistant Professor, Department of Applied Mathematics  
Office: Middlesex College, Room 265  
Email: [gwild@uwo.ca](mailto:gwild@uwo.ca) Ext: 88784 Office Hour: TBA
- Website** <http://www.apmaths.uwo.ca/~gwild/Calc1501.html>
- Textbook** Required are *Single Variable Calculus: Early Transcendentals*, 7th Edn, by James Stewart (Brooks/Cole), along with the *Student's Solution Manual*. This is the same textbook that was used for Calculus 1000A in the fall term. Text and solutions were sold together as the "Student Value Package."
- Reading** At a minimum, students are expected to read the textbook and complete the exercises suggested on the course website. The topics we deal with in this course come from Chapters 4, 7-11 (not necessarily in that order). Students should consult the list of suggested exercises on the course website for more detail.
- Course Notes** Some topics will be covered in more detail than is available in the textbook. For these topics students are expected to consult the supplementary course notes available for free on the course website.
- Evaluation** Midterm Exam 1, 20%, **February 8, 2013, 7-9 pm**, Location TBA  
Midterm Exam 2, 20%, **March 15, 2013, 7-9 pm**, Location TBA  
Assignments and Quizzes, 20%  
Final Exam, 40%, scheduled by the Registrar's Office

## ADDENDA

### **Quiz/Assignment Marks**

Quizzes and/or assignments may differ between the two sections of the course. Quiz and/or assignment marks for individual sections will be normalized to marks for the section with the highest average in a manner that reflects performance on the final examination.

### **Calculator Policy**

Although the use of calculators will not be permitted during quizzes and exams, students are expected to have a reasonable facility in the use of their calculators.

### **Academic Accommodation Due to Illness or Other Serious Circumstances**

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 the office of your faculty's Dean 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 the office of your facult's Dean 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 is posted at:

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

### **Academic Integrity**

You should familiarize yourself with University of Western Ontario's Scholastic Offence Policy. The policy describes the university's process for dealing with scholastic offences, including a list of sanctions:

<http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf>

The Office of the Ombudsperson produces a student guide on cheating, plagiarism and other scholastic offenses:

<http://www.uwo.ca/ombuds/student/cheating.html>

### **\*Note Concerning Prerequisites**

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.