

**The University of Western Ontario
London, Canada
Departments of Applied Mathematics and Mathematics
Calculus 1301B, January to April 2010**

INSTRUCTORS:

Dept. of Applied Mathematics: R. Corless, N. Kiriushcheva, X. Zou.

Dept. of Mathematics: J. Adamus, R. Bryan (King's), E. Coskun, S. Ditor,

TEXTBOOK: This is the same textbook as was used for Calculus 1000A and Calculus 1100A last term.

- **STUDENT VALUE PACKAGE:** *Single Variable Calculus, Sixth Edition, with Early Transcendentals, with Student Solutions Manual, Vol. 1* by James Stewart, and *Interactive Video Skillbuilder CD-ROM and Enhanced WebAssign Access Code* published by Thomson/Brooks/Cole. (Shrink-wrapped package)

OTHER SUGGESTED MATERIALS

- **Midterm Tests and Final Exams for Calculus 1301b, 2002-2003 through to 2008-09,** published for the Department of Mathematics by Custom Course Materials. (OPTIONAL)
- **Lecture Notes for Calculus Volume 2, 7th Edition** by R.N. Bryan, published by Custom Course Materials. (OPTIONAL)
- **The Mathematics Survival Kit, Revised Edition** by Jack Weiner, published by Thomson/Nelson. (OPTIONAL)

PREREQUISITE: A minimum mark of 55% in one of Calculus 1000A/B or 1100A/B.

ANTIREQUISITES: Calculus 1501A/B, Applied Mathematics 1413.

SENATE POLICY on prerequisites: Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you **will 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.

COURSE OUTLINE: This course continues from Calculus 1000A/B and 1100A/B. We will cover selected topics from Chapters 7-11. See the List of Suggested Exercises for more details.

WHAT IS EXPECTED OF THE STUDENT?

Students are responsible for learning the material presented in lectures, for learning how to solve the suggested exercises, and for demonstrating that learning on exams, quizzes, and/or assignments.

EVALUATION OF STUDENT PERFORMANCE:

- **Midterm Examination:** (35%) Friday, February 26, 2010, 7:00 - 9:30 pm
- **Final Examination:** (50%) To be scheduled by the Registrar's Office. (3 hours).
- **Quizzes/Assignments :** (15%)

NOTE: Quizzes and/or assignments will be described by your instructor. The marks in individual sections will be rescaled according to class performance for that section on the final exam in order to ensure that, overall, no section is advantaged (or disadvantaged) by having easier (or harder) quizzes or assignments.

HELP CENTRES: The Calculus 1301B Help Centres are scheduled as follows:

Mondays and Wednesdays: 4:30 - 6:30 p.m. in MC 106

Tuesdays and Thursdays: 4:30 - 6:30 p.m. in MC 204.

STATEMENT ON ACADEMIC OFFENCES:

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following Web site:

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

Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

NEW MEDICAL EXCUSE REGULATIONS:

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 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 the 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 Record's 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

WEB PAGE:

<http://apmaths.uwo.ca/~xzou/CAL1300b/main/html>

