

THE UNIVERSITY OF WESTERN ONTARIO
LONDON CANADA
DEPARTMENTS OF MATHEMATICS AND APPLIED MATHEMATICS

Calculus 1501B

2009-2010

INSTRUCTORS: Department of Applied Mathematics: A. Metzler
Department of Mathematics: R. Bryan, R. Shafikov.

COURSE COORDINATOR: R.N. Bryan

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)

Lecture Notes for Calculus Volume 2, 7th Edition by R.N. Bryan, published by Custom Course Materials. **(OPTIONAL)**

Midterm Tests and Final Exams for Calculus 1501B published for the Department of Mathematics by Custom Course Materials. **(OPTIONAL)**

PREREQUISITES: A minimum mark of at least 60% in one of Calculus 1000A/B or 1100A/B.

ANTIREQUISITES: Calculus 1301A/B, Applied Mathematics 1413.

COURSE OUTLINE: Selected topics from Chapters 4,7,8,9,10 and 11. See the list of Suggested Exercises for more details.

WHAT IS EXPECTED OF THE STUDENT?

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.

EVALUATION OF STUDENT PERFORMANCE:

First Midterm Examination: (20%) Friday, February 5, 2010, 7:00 - 9:30 p.m.
Second Midterm Examination: (25%) Friday, March 12, 2010, 7:00 - 9:30 p.m.
Final Examination: (40%) 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 for individual sections will be normalized to the quiz marks for the section with the highest average pro-rated according to performance on the final exam.

CALCULATOR POLICY:

Although the use of calculators will not be permitted for the midterm tests and the final examination, students are expected to have a reasonable facility in the use of their calculators.

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>

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 ADDRESSES: <http://www.math.uwo.ca/~rnbryan/2010calc1501Bindex.html>
<http://www.math.uwo.ca/~shafikov/1501> Professor Shafikov's section