

The University of Western Ontario
Departments of Applied Mathematics and Mathematics
Calculus 1301B, January-April 2012

INSTRUCTORS:

Dept. of Applied Mathematics: B. Chan, B. Bejanov, P. Yu

Dept. of Mathematics: J. Adamus, R. Bryan (King's), S. Ditor, M. Robertson, E. She-myakova.

TEXTBOOK: This is the same textbook as was used for Calculus 1000A and Calculus 1100A last term. Student Value Package: Single Variable Calculus with Early Transcendentals, 7th edition, with Student Solutions Manual, Vol. 1 by James Stewart, and Interactive Video Skill-builder CD-ROM and Enhanced WebAssign Access Code published by Thomson/Brooks/Cole (shrink-wrapped package).

OTHER OPTIONAL MATERIALS AVAILABLE IN CAMPUS BOOKSTORE:

- Midterm Tests and Final Exams for Calculus 1301B, 2004-2005 through to 2010-2011, published for the Department of Mathematics by Custom Course Materials.
- Lecture Notes for Calculus Volume 2, 7th Edition by R.N. Bryan, published by Custom Course Materials.
- The Mathematics Survival Kit, Revised Edition by Jack Weiner, published by Thomson/Nelson.

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

ANTIREQUISITE: 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.

EVALUATION OF STUDENT PERFORMANCE:

- Midterm Examination: (35%) Friday, March 2, 2012, 7:00 - 9:30 pm.
- Final Examination: (50%) To be scheduled by the Registrar's Office (3 hours).
- Quizzes/Assignments: (15%) 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.

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.

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

Mondays and Wednesdays: 5:00 - 7:00 pm in MC 108.

Tuesdays and Thursdays: 4:30 - 6:30 pm 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>

SENATE REGULATIONS ON SCHOLASTIC OFFENCES (PLAGIARISM AND CHEATING): Please note the following points, which are required to be stated in this outline by Senate regulations.

“Plagiarism: Students must write their essays and assignments in their own words. Whenever students take an idea, or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar)”

“All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between the University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).”

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 Deans Office as soon as possible and contact your instructor immediately. It is the students 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 Deans 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 Deans Office) for visits to Student Health Services. The form can be found here:

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

WEB PAGE: <http://www.math.uwo.ca/~jadamus/11-12/1301W2012/index.html>

Individual instructors may have their own websites for the section they teach, and all such websites will be linked to the above webpage.