

**The University of Western Ontario
London, Canada
Departments of Applied Mathematics and Mathematics
Calculus 081a, Summer Day 2006**

INSTRUCTOR: P. Csorba, Middlesex College, Room 120, E-mail: pcsorba@uwo.ca

TEXTBOOK: This is the same textbook as was used for Calculus 050a.

STUDENT VALUE PACKAGE: Single Variable Calculus, Fifth Edition, with Early Transcendentals, with Student Solutions Manual, Vol. 1 by James Stewart, and Precalculus Mathematics for Calculus 4th by Stewart/Redlin/Watson, published by ITP Nelson. (Shrink-wrapped package)

OTHER SUGGESTED MATERIALS

Midterm Tests and Final Exams for Calculus 81b, 2000-2001, through to 2004-05, 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 by Jack Weiner, published by Nelson Canada. (OPTIONAL)

Calculus Solutions - How to Succeed in Calculus by P. Schiavone, published by Prentice-Hall. (OPTIONAL)

PREREQUISITE: A minimum mark of at least 55% in Calculus 050a/b.

ANTIREQUISITES: Calculus 051 a/b, Applied Mathematics 026.

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 050a/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 and quizzes.

EVALUATION OF STUDENT PERFORMANCE:

Midterm Examination: (35%) Friday, July 21, 2006, 5:00 - 7:00 pm, SSC2020

Final Examination: (50%) To be scheduled by the Registrar's Office. (3 hours).

Quizzes: (15%)

WEB PAGE: <http://www.math.uwo.ca/~pcsorba/081/index.html>