

MAC 2312 U07- CALCULUS II

Instructor: Dr. Carmen B. Shershin

Office: DM 437 A

Office Hours: T Th 3:30-4:30 p.m.

M W by appointment only.

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SPRING 2012

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COURSE DESCRIPTION

The course covers Riemann sums, techniques of integration, applications of the integral, improper integrals, infinite series, Taylor series, polar and parametric functions.

Prerequisite: "C" or better in MAC 2311.

Textbook: Calculus, Early Transcendentals, 9th edition by H. Anton, I. Bivens, and S. Davis, Published by John Wiley & Sons, Inc. (Single Variable edition covers the course material)

The specific chapters and sections to be covered are:

Chapter 5: Integration. Sections 4-10

Chapter 6: Applications of the Definite Integral. Sections 1-6.

Chapter 7: Principles of Integral Evaluation. Sections 1-5, 7, and 8.

Chapter 9: Infinite Series. Sections 1-10.

Chapter 10: Parametric and Polar Curves. Sections 1-3.

GRADING POLICY and EXPECTATIONS

- The grade for the course is based on 4 scores: 3 tests and the final comprehensive exam.
 - Option 1: each score counts 25%.
 - Option 2: the lowest of the 3 tests counts 10%, and the final exam counts 40%.
- If you miss a test due to a verifiable legitimate excuse, you will be given a make-up during the last week of classes (April 16-20) at the instructor's convenience and only option 1 applies. If you miss two tests or the final exam, then the grade for the course will be F.
- The grading scale for all work is as follows: 93-100 A; 90-92 A-; 87-89 B+; 83-86 B; 80-82 B-; 77-79 C+; 73-76 C; 70-72 C-; 67-69 D+; 63-66 D; 60-62 D-; below 60 F.
- Regular attendance is expected and encouraged. Up to 3 bonus points will be added to a test score for perfect attendance and punctuality during the days covering the material being tested. If you wish to take advantage of the bonus points you must be in your assigned seat at the beginning of class. Please avoid coming in late or leaving class early as such behavior is disruptive and impolite.
- Graphing calculators are not allowed during tests.
- The use of electronic devices such as cellular phones, cameras, recorders, laptops, etc. is not allowed during class.
- You are expected to comply with the University Standards of Conduct, in particular concerning academic honesty and respect for self and others.
- Take advantage of the free tutoring services (math help) provided by FIU: w3.fiu.edu/math/
- You are required to submit your student ID on exam days.

IMPORTANT DATES

Thursday, January 26.....Test 1

Thursday, February 23.....Test 2

Monday, March 19.....Last day to drop with a DR grade.

Thursday, March 29.....Test 3

TBA.....Final Exam