

CENTRAL CONNECTICUT STATE UNIVERSITY
DEPARTMENT OF MATHEMATICAL SCIENCES
MATH 152-05 CALCULUS I FALL 2010

**READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS
INFORMATION!**

Time: MWF 12:30 pm-1:40 pm

Room: MS 204

Instructor: Luis Recoder-Núñez, Ph.D.

Office: MW 312

E-mail: recoderl@ccsu.edu

Telephone: (860) 832-2538

Office Hours: MWF 10:50 am-12:30 pm

Textbook: University Calculus by Hass, Weir, and Thomas © 2007, Pearson Education, Inc.

Prerequisite: MATH 115 & Math 121 or Math 119 (C- or higher or Math Placement Exam)

Course Description: This course introduces students to the concepts of the derivative and its applications, the indefinite integral, the definite integral and their applications. Proofs and derivations of basic ideas will be presented but the emphasis of the course is on understanding and application. This course is intended for B.S. Mathematics majors, B.S. Biology, chemistry, and physics majors and minors, B.A. Mathematics majors and concentrates (including specializations in actuarial science, operations research, and statistics), and B.A. Chemistry, earth science, natural science, and physics majors and concentrates.

Coverage: We will cover chapters 2-5.

Course Requirements: Chapter 1 is part of the prerequisites for Math 152. So, you are responsible for knowing this material.

A general rule for any college course is that you are expected to put at least 2 hours of work outside of class for every hour in class. For Math 152, the expectation is **at least 8 hours per week** outside of class.

Homework: Homework assignments will be posted on **MyMathLab** at the end of every class and will be due at the beginning of the next class.

Electronic Devices Policy: Cell phones, laptops, MP3's, PDA's, or any form of personal electronic or communication devices, are not to be used during class or exams unless special accommodations are necessary. If you decide to use an electronic device while the class is in session, do not be surprised if I ask you to leave the classroom.

Resources Available:

1. If you have difficulties in solving the problems, you are strongly encouraged to attend my office hours. Do not wait until just before the first test to do so.
2. Free tutoring is available in The Learning Center which is located in Room 241, Copernicus. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

University Policies:

1. All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.
2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.
3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the "general snow message."
4. The last day to withdraw from a course is **October 25, 2010**. Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course. After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts & Sciences. Poor academic performance is not considered an extenuating circumstance.

Exams: There will be three non-cumulative tests and a **Final** cumulative test given on **Wednesday, September 29, 2010; Friday, October 29, 2010; Friday, December 3, 2010; Wednesday, December 15, 2010** respectively. The final exam will be from 11:00am to 1:00pm.

Quizzes: There will be three online quizzes on the following tentative days: **Friday, September 17, 2010; Wednesday, October 20, 2010; Monday, November 22, 2010.**

Grading: Your grade for the course will be computed as follows: Three partial exams **55 %**, final exam **25 %**, quizzes **10%**, Homework **10%**.

Minimum averages for your final grade are indicated below.

A 93%, A- 90%, B+ 87%, B 83%, B- 80%, C+ 77%, C 73%, C- 70%, D+ 67%, D 63%, D- 60%.

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The single most valuable piece of advice in this whole syllabus (really): *It is virtually impossible to pass this course without doing the homework! (No kidding!)* This is not a threat, but simply a *reality* of math courses. Just watching me work problems in class is *not* sufficient. It would be like taking a course in swimming without ever getting in the water. The only way you learn this stuff is with lots of practice (the same was true for me, too). That means you need to do *all* the homework religiously. A Useful Diagnostic: If you work the problems using the solutions in the back of the book or a tutor, *be careful* not to fool yourself. Until you can do a problem without *constant* help from the tutor or without *constantly* looking at the solution, then you do not really understand how to do the problem. Remember that the solution or the tutor will not be there to help you on an exam. That does not mean do not use them – it simply means do not use them as a crutch.