

M221--Calculus II  
Fall, 2010--Central Connecticut State University

**Instructor:** Waiveris  
**Office:** Marcus White 115A  
**Office Hours:** MWF 9:45-11:00, MW 3:15-4:00  
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**Class Website:** invisiblegold.com/math

**Text:** University Calculus, 9<sup>th</sup> edition, Hass, Weir, Thomas, Pearson Publishing Co.

**Prerequisite:** The prerequisite for M 221 is M 152 Calculus I.

**Material to be Covered:** We'll begin with a quick overview/review of Calculus I. M 221 Calculus II covers most of the material in Chapters 6,7,8, and 9. Specifically we'll cover--  
Chapter 6 Applications of Definite integrals. Sections 6.1-6.5.  
Chapter 7 Techniques of Integration. Sections 7.1-7.7  
Chapter 8 Infinite Sequences and Series. 8.1-8.9  
Chapter 9 Polar Coordinates and Conics. 9.1-9.6

**Calculator and Computer:** You will need a graphing calculator for this course. TI-83 or 84 recommended. Some of your homework assignments (see below) will involve the use of Derive, a powerful symbolic manipulator. We'll have opportunity to see it in use in class too. Another assignment will involve use of a program called IFS 2.0 which can be downloaded from our class website or the campus network.

**Electronic Devices Policy:** Cell phones, laptops, MP3s, PDAs or any form of personal electronic or communication devices are not to be used during class, exams, or quizzes.

**Homework, Testing, Grading:** You are expected to read the book, come to class prepared, (attendance will be taken) and to do the assigned problems from the text. There will be three 100 point tests, one 200 point final exam and four 25 point assignments. Your final grade will be based on your percentage of the possible 600 points with 90s = As, 80s = Bs, 70s = Cs, 60s = Ds, <60s = Fs.

**General Remarks:** The last day for free withdrawal is October 25, 2010. After this date you will need three signatures (mine, my department chair's, and your dean's) along with an extenuating circumstance to withdraw from the course.

If you need course adaptations or accommodations because of disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. I will need a copy of the accommodation letter from Student Disability Services in room 241 Copernicus Hall. Register with them if you have not already done so. They will assist you in arranging any special accommodations.

Good Luck.

--CFW