

MAC 2233 Summer B 2014

Contact Information

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Content:

MAC 2233 is the first semester of a two term sequence surveying the important ideas of calculus while emphasizing its applications to business, economics, and the life & social sciences. The course begins with a review of precalculus; in particular using functions as models in applications. This is followed by the essential elements of calculus: limits, differentiation, and integration. As these topics are developed, a variety of applications are introduced to illustrate these ideas.

The review of precalculus will proceed fairly quickly, so it is necessary for students to have a solid background in basic algebraic manipulation, functions, and graphing. Contact me if you are unsure you have a sufficient background.

Textbook:

The book accompanying this course is *Calculus with Applications*, 10th edition by Lial, Greenwell, and Ritchey. We will not be using My MathLab, so you do not need to purchase the access code. There also exists a "brief version" of the book containing the first 9 chapters; this version is also acceptable.

Calculators:

No calculators of any kind will be allowed during quizzes or exams. Calculators may be used outside of class on homework assignments and extra practice problems. However, one should make sure to not become completely reliant on using a calculator to do calculations.

Make-up Policy:

A missed assignment (quiz, exam) may only be made up if you contact me ahead of time and provide proper documentation. If you are participating in a UF sponsored event or religious observance, you may make up an exam or quiz only if you make arrangements with me at least one week prior to the event. You must present documentation of a UF sponsored event. Class participation points and the final exam cannot be made up. If you miss a lecture, you are responsible for getting notes from the class and learning any material covered.

Homework:

There will be five homework sets given throughout the semester, each worth 8 points. Homework will be graded on a combination of completion and accuracy. While it is ok for students to work on the homework together, each student must do the problems themselves and turn in their own work.

Quizzes:

There will be six quizzes given during the semester, one each week, administered at the beginning of one class period. Each quiz is worth 8 points. The lowest score will be dropped. This drop will cover the first unexcused absence or the lowest score if no quizzes are missed.

Exams:

There will be two midterm exams held during class on 7/11 and 7/25, and a final exam held during class on 8/8. The final exam will be cumulative, but weighted towards the material covered after the second midterm. Students will not be admitted later than 20 minutes after the exams begin and will not be allowed to leave until this 20 minutes has passed.

Grading:

Grades will be posted on Sakai. If you believe there is an error in the grading, you have up to a week after the material is returned to contact me. All graded materials should be kept until the end of the term. An incorrectly entered score cannot be changed without the original document.

There will be 200 points available in the course. They are distributed as follows:

Six Quizzes (8 pts each, drop one)	40 pts
Five Homework Assignments (8 pts each)	40 pts
Class Participation	20 pts
Two Midterm Exams (30 pts each)	60 pts
Final Exam	40 pts

Final grades will be determined as follows:

A	190-200
A-	180-190
B+	175-180
B	165-175
B-	160-165
C+	155-160
C	140-155
C-	135-140
D+	130-135
D	125-130
D-	120-125
E	0-120

For the S-U option, the grading will be S:140-200 and U:0-140. Approval of the S-U option must be obtained from your instructor. The deadline to file an application with the Registrar and further restrictions on the S-U option are given in the Undergraduate Catalog. The Gordon Rule cannot be satisfied with the S-U option.

Teaching Center Math Lab:

The Teaching Center Math Lab, located in SE Broward Hall is a free, walk in tutoring service. The lab provides individual help with mathematics assignments and other problems. It also is a good resource for finding practice problems, including old exams. Information can be found at <https://teachingcenter.ufl.edu/>

Disability Resource Center:

Students with learning disabilities requesting accommodations must register with the Dean of Students Office and then bring the appropriate documentation to me. This should be done as early as possible so we can make arrangements. Accommodations will not be granted without documentation.

Academic Honesty:

Remember that you committed yourself to academic honesty when you registered at the University of Florida by agreeing to the Honor Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

All students are required to abide by the Academic Honesty Guidelines which have been accepted by the University. The academic community of students and faculty at the University of Florida strives to develop, sustain and protect an environment of honesty, trust and respect. Students are expected to pursue knowledge with integrity. Exhibiting honesty in academic pursuits and reporting violations of the Academic Honesty Guidelines will encourage others to act with integrity. Violations of the Academic Honesty Guidelines shall result in judicial action and a student being subject to the sanctions in paragraph XIV of the Student Code of Conduct.

The Mathematics Department expects you to follow the Student Honor Code. The Student Honor Court adjudicates matters of violation of academic honesty. In addition, remember that lectures may not be recorded without prior permission from the lecturer and may not be used for any commercial purpose.