MAC 2311 Summer B 2017
2nd Period, Weil 270

Contact Information
Name: Dr. Francis Adams
Office: Little 455
Email: fsadams@ufl.edu
Website: http://people.clas.ufl.edu/fsadams/
Office Hours: Monday and Wednesday 4th period, or by appointment. These are subject to change.
Teaching Assistants:

Content:
MAC 2311 is the first of three courses in the UF calculus sequence. The course begins with a review of pre-calculus material. It then turns to limits and derivatives, focusing on methods of evaluating limits and derivatives. A large number of applications of the derivative are discussed, including implicit differentiation, linear approximation, and optimization. The final part of the course is on integration, covering the definite integral, antiderivatives, and the Fundamental Theorem of Calculus.

Homework:
A list of suggested problems will be posted on the website each day after class and a selection of these problems will be turned in. There will be 5 graded homework sets worth 6 points each. They will be graded on completion (including appropriate work for each problem). Students may work on homework together, but students must turn in their own work. No late homework will be accepted.

Participation:
There will be a participation component of the grade worth 10 points. These points will be based on participation in the course including (but not limited to) attendance and engagement in class and problem sessions, or going to office hours and study halls.

Quizzes:
There will be 4 quizzes worth 40 points each given during the semester administered during the first 30 minutes of class.

Exams:
There will be a cumulative final exam worth 100 points held during the class period (75 minutes) on 8/1.

Grading:
Your grade will be out of 300 total points, calculated by

- Final Exam: 100 points
• 4 Quizzes: 160 points
• 5 Homework Sets: 30 points
• Participation: 10 points

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.

Final grades will be determined as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score Range</th>
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<tbody>
<tr>
<td>A</td>
<td>270-300</td>
</tr>
<tr>
<td>A-</td>
<td>262-269</td>
</tr>
<tr>
<td>B+</td>
<td>254-261</td>
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<tr>
<td>B</td>
<td>240-253</td>
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<tr>
<td>B-</td>
<td>233-239</td>
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<tr>
<td>C+</td>
<td>225-232</td>
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<tr>
<td>C</td>
<td>220-229</td>
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<td>C-</td>
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<td>D+</td>
<td>200-209</td>
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<tr>
<td>D</td>
<td>190-199</td>
</tr>
<tr>
<td>D-</td>
<td>180-189</td>
</tr>
<tr>
<td>E</td>
<td>0-179</td>
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</tbody>
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**Quiz and Exam Procedures:**
No calculators of any kind will be allowed during quizzes or exams. Calculators may be used outside of class, however one should make sure to not become completely reliant on using a calculator to do calculations. No notes, books, or other study aids will be allowed.

**Make-up Policy:**
A missed quiz 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 a 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. 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.

**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/

**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.

**Course Calendar:** Below is a brief outline of the course. This calendar is subject to change as the semester progresses. There will also be a calendar on the website.

- **Week 1 (6/26-6/30)** Course Introduction, Precalculus, Introduction to Limits.
  6/28: Problem Session
- **Week 2 (7/3-7/7)** Limits, Rates of Change and Instantaneous Velocity.
  7/4: No Class
  7/5: Problem Session
  7/6: Quiz 1 and Homework 1
- **Week 3 (7/10-7/14)** Derivatives: Definition, differentiation rules.
  7/5: Problem Session
  7/6: Quiz 2 and Homework 2
- **Week 4 (7/17-7/21)** Applications of Derivatives
  7/5: Problem Session
  7/6: Quiz 3 and Homework 3
- **Week 5 (7/24-7/28)** Integration
  7/5: Problem Session
  7/6: Quiz 4 and Homework 4. Review for Final/Post-test after quiz.
- **Week 6 (7/31-8/4)**
  7/31 No Class
  8/1 Final Exam
  8/2 Post-test