Syllabus For Math 122, Section 008
Spring 2016

Instructor: Ronda Sanders  SI: Benno Sauermann
E-mail: sanders@math.sc.edu  benno@email.sc.edu
Office: 300G LeConte
Phone: 777-7449
Office Hours: M-F 2-3 PM
Meeting Place and Time: Davis 209 MWF 9:40 AM-10:30 AM

Course Webpage: http://people.math.sc.edu/sanders/122.008/

Prerequisites: Qualification through either (a) a Math Placement Test score of 14 or higher earned on the Algebra Placement Test or (b) a grade of C or better in Math 111/111i or Math 115.

Sections: §1.1-1.9, §2.1-2.5, §3.1-3.4, §4.1-4.4, §5.1-5.6, §6.1-6.3
WileyPlus will NOT be used for this course.

Learning Outcomes: Upon successful completion of this course, students should be able to:

- Recall basic mathematical terms related to elementary algebraic, exponential, and logarithmic functions, and derivatives and integrals of such functions and express these terms in correct context.
- Apply the methods of calculus to solve applications involving maxima, minima, rates of change, motion, change, and area under a curve.
- Verbally interpret data given as graphs, tables, and equations and put into words the relationship between a function and its derivative or integral given in these forms as well.
- Utilize a graphing calculator to find zeros, calculate the average rate of change, verify the maximum or minimum, calculate the definite integral, and calculate the average value of a function.

Tests: There will be three tests and a cumulative (2.5 hour) final exam. The tentative dates for these are as follows:
Test 1: Monday, February 15 on §1.1-1.9
Test 2: Monday, March 21 on §2.1-2.5, §3.1-3.4, §4.1-4.3
Test 3: Monday, April 18 on §4.3-4.4, §5.1-5.6, §6.1-6.3
Final: Monday, May 2  Note: The final exam schedule is set by the university.
9:00AM Davis 209

Make-up exams will generally NOT be given. I may make exceptions for documented illness/family emergency. Those with acceptable excuses must contact me within 24 hours of the scheduled exam time to schedule a make-up.

Homework, Worksheets, and Quizzes: Homework will be assigned daily and students are encouraged to complete (or at the very least attempt) every assignment. Homework solutions are posted on Blackboard under the Homework Solutions tab. Worksheets will be collected and graded. Late worksheets will generally NOT be accepted. Quizzes will be given weekly and will be based on the homework. No make-up quizzes will be given.

Note: Worksheets will be posted on Blackboard and the course webpage. It will be the student’s responsibility to print and complete the worksheet by the due date. If you do not attend class that day, you may scan and email your worksheet to me before solutions have been posted. The lowest quiz or worksheet will be dropped. If you miss more than one with a documented excuse, come talk to me.

Typical Weekly Schedule: A typical week will look like this:
- Monday Worksheet distributed via Blackboard/Course Webpage
- Friday Worksheet due at the beginning of class. Solutions posted on Blackboard at 5pm.
- Monday Quiz
**Calculators:** Calculators may be used on tests and quizzes unless otherwise noted. Use of the TI-83/84 is highly recommended. Use of the TI-89, TI-Nspire, or other calculator with a built in CAS (computer algebra system) is prohibited. You may **NOT** store notes or formulas of any kind on your calculator. You will be asked to clear the memory on your calculator before each test. Also, you may not share calculators during a quiz or test. You may not use your phone as a calculator.

**Attendance and Participation:** Regular attendance and participation is expected. In accordance with University policy, a letter grade may be deducted for each 10% of classes missed.

**Withdrawal:** Any student wishing to withdraw from class should do so by Thursday, March 3. Students dropping after this date will receive a WF for the course.

**Grading:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes/Worksheets:</td>
<td>100 pts</td>
</tr>
<tr>
<td>3 Tests:</td>
<td>100 pts each</td>
</tr>
<tr>
<td>Final:</td>
<td>150 pts</td>
</tr>
</tbody>
</table>

Total: 550 pts

Letter grades will be given according to the following scale:

- **A**: 90-100
- **B+**: 85-89
- **B**: 80-84
- **C+**: 75-79
- **C**: 70-74
- **D+**: 65-69
- **D**: 60-64
- **F**: below 60

**Additional Help:** For (free!) additional assistance, visit the math lab on campus. Tutors will be there to answer most questions. The lab is located in LC 105 and the schedule should be posted on the door. I also encourage you to come by my office. Do not wait until you are completely lost to seek assistance!

**Student Disability Services:** Students with disabilities should contact the Office of Student Disability Services (LC 112A or sasds@mailbox.sc.edu).

**Supplemental Instruction:** SI sessions are led by an undergraduate student who has taken this course and excelled in the course material. Your SI leader will facilitate a discussion and activities that encourage you to practice, discuss, and ask questions about the most recent course material. Each SI leader holds three sessions per week. You can find the SI schedule online at [http://www.sa.sc.edu/ssc/supplementalinstruction/si-schedule/](http://www.sa.sc.edu/ssc/supplementalinstruction/si-schedule/). You can also contact the Student Success Center at (803)777-1000 if you have questions about the SI schedule.

**Academic Honesty:** Cheating in class on quizzes and tests is a serious offense. Any student caught cheating will receive an F for the course and **may** be suspended for one semester. For more information concerning academic dishonesty, you can find the University Honor Code online at [http://www.sc.edu/academicintegrity/](http://www.sc.edu/academicintegrity/)

**Cell Phones/Laptops/Smart Watches:** In accordance with CAS policy, I will ask that all cell phones be turned off (or at the very least be put on vibrate) during class. Also, please refrain from texting during class - it is disrespectful and distracting. **Your cell phone should not be out at any point during a test or quiz.** The use of any laptop during class is prohibited. (If you feel you can justify using your laptop during class, come talk to me.) Smart watches should not be worn on test or quiz days.