Math 150 sec.2    Calculus I    Fall 2014

Instructor: Dr. McSorley. Neckers 383.

Office Hours: M, W, F: 10.15am-12.00pm. Or call 453-6596 or email jmcsorley@math.siu.edu for an appointment.

Class meeting: MWRF 9-9.50am Neckers 156.

Prerequisites: This is a difficult class so at least 2 years of high school algebra and trigonometry is required, Math 111, or Math 108 and Math 109 (with grades of C or better). It is essential that your algebra and trigonometry is good.

Class Description: Limits, differentiation, increasing and decreasing functions, curve sketching, max-min problems; integration, applications.


Grading: Your Class Grade will be determined by your performance on the Homeworks, Exams, and the Final Exam.

Homeworks collected:
During the semester 10 collected Homeworks will be given.
HW 1A, HW 1B on Exam 1 material.
HW 2A, HW 2B on Exam 2 material.
HW 3A, HW 3B on Exam 3 material.
HW 4A, HW 4B on Exam 4 material.
HW 5A, HW 5B on Exam 5 material.
The collected HW’s will be graded by a grader, and returned with solutions. Total=100 points.

Exams: There will be 5 in-class exams.
Exam 1: Chapter 1.
Exam 2: Chapter 2.
Exam 3: Chapter 3, (not 3.4 and 3.7).
Exam 4: Chapter 4, (not 4.7).
Exam 5: 4.7, Chapter 5, 7.1, 7.2, 7.3.
Each Exam is worth 100 points. Make-up Exams will only be given if you have a good excuse: bring a doctor’s note, athletic meet note, etc. to my office sometime before the Exam. Total=500 points.

Final Exam: The (comprehensive) Final Exam is worth 200 points. Total=200 points.
**Scale:** The class will be graded on $100+500+200=800$ points. Class grades will be determined according to the % scale: 90, 80, 70, 60; or the point scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>720-800</td>
</tr>
<tr>
<td>B</td>
<td>640-719</td>
</tr>
<tr>
<td>C</td>
<td>560-639</td>
</tr>
<tr>
<td>D</td>
<td>480-559</td>
</tr>
<tr>
<td>F</td>
<td>0-479</td>
</tr>
</tbody>
</table>

**Miscellaneous:**
- The only way to learn math is to do math. Read the book. Take class notes. Do as much as possible of the assigned homework in a timely manner.
- Each day Homework will be written on the board. This is for you to do yourself and not turn in, the answers are in the back. These daily Homeworks and the collected HW’s are good preparation for the Exams.
- Drop date: Sunday, August 31 (with refund); Sunday, Oct 26 (without refund).
- Proficiency Exam, see Dr. Redmond (Neckers 259) or go to the Math Office, Neckers 360.
- Free Math Tutorial sessions are located in the College of Science Study Area on the second floor of Neckers: M-Th 4-8pm. Bring your own books.
- Go to [http://www.math.siu.edu](http://www.math.siu.edu), click on ‘Course Information’: then on ‘Course Preparation’ for a Math 150 Assessment Test with solutions; or on ‘Final Exam Preparation’ for some Old Final Exams, some with solutions.
- The Final Exam date and time is Tuesday, 9 December 4.00–5.45pm.
- A graphing calculator is useful, but not required, for this course. You can use one on the HW, but you must show all work. However you cannot use a graphing calculator on the 5 class Exams nor the Final Exam, this is Math. Department policy. So make sure you have an ordinary scientific (small screen) calculator for the 5 class Exams and the Final Exam.
- Handouts, HW, etc., will be posted on Desire2Learn (D2L).
- Holidays:
  - Labor Day: Monday, 1 September (week 3)
  - Fall Break: Monday 13, Tuesday 14, October (week 9)
  - Veteran’s Day: Tuesday, 11 November (week 13)
  - Thanksgiving Break: Wednesday 26, Thursday 27, Friday 28, November
- **Readiness Test:** This Friday: 20 Multiple Choice questions on Algebra and Trig, and 6 questions on your Mathematical background.
Study hard and good luck!