Spring 2013 Math 1410 (002) Calculus I Syllabus

CRN 20967 12:00-12:50 MWF CX 102
2:00-2:50 R DBH 103
Instructor: Dr. Heather Coughlin Office: DBH(P) 266F Phone: 667-3444
E-mail: hcoughlin@csustan.edu

Office Hours: Mon 10-10:50, Fri: 10-10:50, 1-1:50. Also by appointment.

Warning: I reserve the right to make changes to the syllabus at any time during the term by announcing them in class and on blackboard.

Prerequisites: Math 1080, OR Math 1100, OR their equivalent.

General Education: This course satisfies General Education area B3.


Student Learning Objectives: We will cover most of chapters 1 - 5. By the end of the course, students will be expected to understand and compute: limits, derivatives, and basic integrals; understand the relationships between limits, derivatives, and integrals; and use derivatives and integrals in various “real-world” applications including related rates and optimization.

Grades: This class will be graded using plus/minus grading. Your total course percentage will be translated to a letter grade as follows:
90-100%: A- or above, 80-89%: B- or above, 70-79%: C- or above.
The course grade is based on:

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<tr>
<th>Component</th>
<th>Percentage</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
<td>Due Thursdays</td>
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<tr>
<td>WebAssign</td>
<td>8%</td>
<td>(See handout)</td>
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<tr>
<td>Exam 1</td>
<td>17%</td>
<td>(Thursday, February 15)</td>
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<td>Exam 2</td>
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<td>(Thursday, March 28)</td>
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<td>Exam 3</td>
<td>18%</td>
<td>(Thursday, May 2)</td>
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<tr>
<td>Final exam</td>
<td>30%</td>
<td>(Wed, May 22, 11:15am - 1:15pm)</td>
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Homework: Assignments are given in class and will be listed on blackboard. You are expected to complete all problems and understand the concepts behind them. You should consider the problems I assign as the bare minimum. I strongly recommend you do additional problems. The assignments are due, stapled, at the beginning of class every Thursday. Late homework will not be accepted. See the Homework Guidelines Sheet for further restrictions. I will NOT answer homework questions on Thursdays for the assignment being turned in. Each assignment is worth 100pts: 30-50 for completeness/adherence to the guidelines, and 70-50pts for accuracy on selected problems. The lowest homework score will be dropped.

WebAssign: You will be required to use an online homework system known as Webassign. Each section has 1 to 4 problems for you to complete and enter the answers online. See the
handout for further explanations and due dates.

**Exams:** There will be 3 in-class exams tentatively scheduled as above. Other information about the exams will be announced in class.

**Final Exam:** The cumulative final exam will be on Wednesday, May 22, 11:15am - 1:15pm in CX 102. DO NOT MISS IT!!

**Class Participation:** Attendance is important to your success. You are expected to be an active member of this class. If you must miss class (or are tardy), it is your responsibility to find out what you missed. Any disruptive behavior interfering with the learning environment of others will not be tolerated and may lead to disciplinary action and/or removal from class.

**Late Work Policy:** I have a firm policy of not accepting late work. If alternate arrangements need to be made, you must complete the work before the due date. If you cannot make it to an exam due to documented illness or the like, let me know in advance by phone or e-mail. Make-ups will be given only under these circumstances. The only exceptions to this policy are documented medical emergencies and the like (verifiable). I do not give early exams to accommodate vacation schedules, so please make your holiday travel plans accordingly. I do reserve the right to refuse make-up requests. Don’t abuse this.

**Academic Honesty:** I consider academic honesty to be at the core of the University’s activities in education and research. Cheating is an attack on the efforts of myself and fellow students and, above all, on the cheater’s integrity. Those caught cheating will be dealt with to the full extent allowed under University policy including, but not limited to, receiving a zero score and reporting to the Coordinator of University Discipline.

**Cell Phone Policy:** During class time, your cell phone, or equivalent, is to be turned off and out of sight. Any use of a cell phone, including texting, during class will result in your removal from the class for that day. If you attempt to use your cell phone or leave it on during an exam, you will be considered to have finished your test, and I will collect your exam at that time. Exceptions may be made only if you discuss your situation with me prior to the start of that day’s class, in this case, your cell phone must be set to vibrate/silence or quietest agreed upon setting.

**Students with Disabilities:** Academic accommodations are available to students who are registered with the Office of Disabled Student Services. I cannot make accommodations until the student has filed all appropriate paperwork and Disability Resource Services (MSR 210, 667-3159) has notified me of the appropriate accommodations.

**Students in Athletics:** If you are a student athlete, it is your responsibility to provide me with a letter signed by your coach listing all of the days in which you will be absent. Accommodations will be made only if I receive the letter from your coach at least 7 business days in advance, with appropriate exceptions for the first seven business days of class.
General Suggestions:

- Don’t use the fact that I drop one homework to blow it off. You might need the drop later on in case you get sick or do not do well. You will also need to know that material for the exams!

- Some of the homework exercises may be time consuming, so DO NOT put off the homework until the last minute.

- Keep all homework assignments. They are the best study materials for the exams.

- Participate in class, ASK QUESTIONS, make use of my office hours. The material really builds on the sections previous to it, so it is important for you to understand the previous and current sections before trying to understand the next section. If you get behind or stuck, see me or work with other students RIGHT AWAY.

- Form a study group with others in the class. Work together on homework but everyone must join in and work. *Know the difference between valid group work and plagiarism.*

- If you think you’ll need extra help, get it ASAP!

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**Important dates:** (See Schedule of Courses or Academic Calendar)

- Last day to Add: Feb. 8
- Last day to Drop: Feb. 22
- Last day to change grade options (CR/NC): May 3
- No class: April 1 - 5, May 10

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<th>Time</th>
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Math 1410 Homework Guidelines

- Write clearly on 8.5 × 11 paper. You may write in either pencil or pen (though I highly recommend pencil). If you use ink that bleeds through or write hard, please use only one side of the paper. If you use a spiral notebook, tear off those annoying little tabs (failure to do so will result in a 10 point deduction).

- Work in NEAT column(s), at most 2 per side. This is not a contest to see how much you can fit on one piece of paper. Leave at least one line between problems.

- Always write the problem number and enough of the statement of the problem to know what is being solved. This will aid you in studying for exams.

- If the problem involves several steps, either circle, box, or highlight your final answer. The grader may deduct points if he/she doesn’t know where your problem ends.

- **Show your work correctly and clearly.** No one should have to squint at, or decipher what you have written. Not only will the grader have to read your assignments, you will have to study from them. If you make a mistake, erase it completely or cross it out neatly. Note: if the grader cannot read your homework she/he will not grade it and will give you no credit for the assignment.

- If the problem involves a graph or drawing, sketch it neatly and label appropriately. Graphs should be big enough so that the graph and the labels are clearly understood. Feel free to tape or glue graphs/drawings into your homework (say if you use graph paper), or attach graphs/drawings at the end of your assignment with the reference clearly stated in the appropriate problem.

- If you use your calculator significantly for a problem, state what you punch in and the answer the calculator gives you. Please note that you will be given no credit if the problem calls for an exact answer and you state a calculator approximation.

- **“Explain** means one or two sentences. All will be graded for grammar and spelling.

- **Staple** all pages together. I will not bring a stapler to class; it is your responsibility to have your homework stapled. Failure to staple homework will result in a deduction of 5 points.

- Please **print** your name, and the HW number and/or sections due at the top right corner of the top sheet. Do not fold your homework.

- You should consider the problems I assign to be the absolute minimum work given to help you grasp the material. You should do as many problems as needed so you feel comfortable with the material. You may ask me about any problem, whether it is assigned or not.

- It might be a good idea to work out some of the problems on scratch paper as a rough draft, and then re-write a neat final version. That way if you get stuck on a problem in the middle, you don’t have to leave a blank space for it and then run out of room when you go back to finish the problem.