MATH 1550-028 Calculus I Fall 2012

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Meetings: MTWThF 12:30-1:20pm, Lockett 285
Office Hours: MTWThF 1:30-2:30 or by appointment
WebAssign Key: lsu 9259 3346

Textbook: Calculus: Early Transcendentals 7th ed. by James Stewart

Course Outline: This is a standard introductory calculus course. It consists of three main topics: limits, differentiation, and integration. We will cover a variety of situations in which these concepts naturally arise. See sections 2.1-8.3 (excluding chapter 7) in your text for additional information.

Grading: Through WebAssign I will set homework with each section. Due dates will typically occur a few days after material is covered. We will have in class quizzes either every week covering recently learned material, and on occasion I will assign additional out of class work to be turned in for a grade. I will evaluate you according to the following table:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Homework/Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>WebAssign</td>
<td>22%</td>
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<tr>
<td>Four Exams</td>
<td>48%</td>
</tr>
<tr>
<td>Cumulative Final</td>
<td>20%</td>
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</tbody>
</table>

I will grade you on a 10-point scale: A 100-90, B 89-80, C 79-70, D 69-60, F 59-0.

Calculator and Testing Policy: For in-class quizzes and exams, I will not allow calculators or other hand-held devices. I will craft my exams and quizzes accordingly so that you will never be made to simplify inane quantities such as (1.1432 + 5.4389)/3.92. Outside of class you may use any available resource in accordance with my academic honesty policy.

Unless otherwise noted, you may not use any notes during in-class exams and quizzes. I will provide you with scratch paper; you may not use your own. I may change my policy to allow outside materials at my discretion. Likewise, you may not collaborate during in-class assignments unless I explicitly give you permission. Common sense rules apply. Do not cheat during testing situations.

Makeup Policy: My policy is simple. I will not give makeup exams except under extreme and verifiable circumstances. If you have a (verifiable) conflict with any test date, inform me beforehand to arrange a new test date.

Students with Disabilities: If you have a documented disability and need special testing or other considerations, inform me as soon as possible so that I may better accommodate you.

Classroom Interruptions: The sanctity of the classroom learning environment is of utmost importance to me. If you consistently interrupt the learning process for your fellow classmates, I will ask you to leave. Do not make sexist, racist, or other inappropriate comments, and do not harass other students. Do not make the class into a political arena. Note that texting can also be very distracting to your neighbors. If you text often, I want you to sit towards the back of class as a courtesy to others. As a general rule, you have permission to ruin the learning process for yourself but not for your peers.
Classroom Participation: I welcome, prefer, and recommend a high degree of classroom participation. I will ask many questions to the class throughout the semester. Do not be afraid to yell out incorrect answers. Incorrect answers provide me the opportunity to correct misconceptions that many other classmates may hold. Incorrect answers are much more instructive to the class as a whole than having one or two people immediately responding with the correct answers to every question. I will never make you feel inadequate for offering any input in my class.

Sigh, I Already Know All This: If you find yourself bored because you already know all the answers to my questions, please try to give others the opportunity to answer, and do not fret. When time permits I will allow you and anyone else interested to present text homework and bonus problem solutions at the board. Thus, you will have the a creative outlet to share your knowledge with the class and answer any questions that arise during your presentation.

Academic Integrity: For take-home work, I encourage you to collaborate with your classmates and utilize any available reference. You must, however, write up your own solutions, and you must acknowledge any help you have received at the top of your assignment. Do not regurgitate solutions you do not understand. Give credit when appropriate; presenting someone else’s work as your own is a serious offense, and I will treat it thusly. If you violate my academic honesty or test taking policy, I will give you a numerical grade of 0 on the relevant assignment. Under severe infractions I will assign you a course grade of F and will personally report you to the Office of the Dean of Students.

Prerequisite Knowledge: In class I expect you to already understand the usual pre-calculus constructs and topics including functions, graphing relations, solving equations, factoring low degree polynomials, and the exponential, logarithmic and trigonometric functions. If you have forgotten any of this prerequisite material, then understand that I will not have time to reteach this material to you in class. Outside the time constraints of the classroom, however, I will be happy to help you with any material, past or present.

Help Outside of Class: If you are struggling with subject material, I urge you to take advantage of the numerous resources available to you, including but not limited to the following:

- My Office Hours: I welcome your questions and generally enjoy helping students with any concerns. If your schedule conflicts with mine, contact me to arrange a meeting.

- CAS Tutoring Center (Free): Beginning August 27, 2012, you will have access to free tutoring in 141B Middleton Library and 900 hours of free online tutoring. No appointment is necessary. Visit http://cas.lsu.edu/tutorial-centers for complete details.

- Private Tutoring: The math department in Lockett 303 keeps a current list of available tutors each semester. Check the list if you are looking for a good private tutor. CAS also keeps a list of available tutors on the previously mentioned website.

Email Policy: I welcome all your questions via email, but understand that it is be prohibitively difficult for me to answer your mathematical questions in such a format. Therefore, I will not respond to any these questions as a general rule. I will, however, look over your questions and answer them at the beginning of our next class meeting.

WebAssign Signup: Access the WebAssign page (http://www.webassign.net/), and click on the link labeled "I Have a Class Key." Then, use the key lsu 9259 3346 to enroll in my course. When entering your student identification number, do not use hyphens. For instance, enter 891234567 and not 89-123-4567.