AMS 151: Applied Calculus I (Spring 2012, Section 1)

Instructor: Loretta Au
Office: Math Tower 3-129
Office Hours: (Harriman 010) Tues. 1:00 PM – 2:00 PM, Wed. 1:00 PM – 2:00 PM and also by appointment
E-mail: lau@ams.sunysb.edu
Website: http://greenlab2.ams.sunysb.edu/~loretta

Teaching Assistant: Yuanhao Zhang
Office: Harriman 018
Office Hour: Tues. 4:00 PM – 5:00 PM
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Lectures: (Melville Library E4330) Mon. and Wed., 5:20 PM – 6:40 PM
WebWork: http://webwork2.ams.sunysb.edu/webwork2/AMS151-1/
Blackboard: https://blackboard.stonybrook.edu/

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz 1</td>
<td>February 8, 2012</td>
</tr>
<tr>
<td>Midterm 1</td>
<td>February 29, 2012</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>March 21, 2012</td>
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<tr>
<td>Midterm 2</td>
<td>April 18, 2012</td>
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<tr>
<td>Final Exam</td>
<td>May 9, 2012 (5:15 PM – 7:45 PM)</td>
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</tbody>
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*Note: These dates are all Wednesdays.

Course Description. A review of functions and their applications; analytic methods of differentiation; interpretations and applications of differentiation; introduction to integration. Intended for CEAS majors. Not for credit in addition to MAT 125 or 126 or 131 or 141 or 171. This course has been designated as a High Demand/Controlled Access (HD/CA) course. Students registering for HD/CA courses for the first time will have priority to do so.

Pre-/Co-requisites. A grade of B or higher in MAT 123, or level 5 on the mathematics placement examination, or B or higher in MAT 122 and concurrent registration for MAT 130.

Grading. Your final grade for the course will be based on the maximum of either
(a) 10% homework, 25% midterm 1, 25% midterm 2 and 40% final exam or
(b) 10% homework, 10% midterm 1, 10% midterm 2 and 70% final exam.

Homework. Weekly homework assignments are to be completed online using WebWork (see above) and are typically due on Thursdays at 10:00 PM, unless otherwise noted. Your username is your first initial and last name (up to 10 characters), and your initial password is your SBU ID number (please change this once you’ve logged in.) Solutions will be posted on Fridays at 12:00 PM.

Late assignments will not be accepted; handwritten assignments will also not be accepted. If there is an emergency that may prevent you from meeting a homework deadline, please contact me as soon as possible and a homework extension may be granted. Problems can be attempted as many times as necessary until the answer is correct, up to the designated deadline. Your total homework score must be at least 50% correct to pass this course, regardless of performance on quizzes and exams.

Quizzes and Exams. Quizzes are given to prepare students for midterm and final exams; questions will be based mostly on homework and sections that were covered in lecture. The total number of points on each quiz will be normalized such that a maximum of 10 points are possible; these points will be applied to their respective midterms as extra credit (i.e. quiz 1 points will be applied to midterm 1, and quiz 2 to midterm 2 – no exceptions.) All exams will be closed book, and no calculators are allowed; important tables or formulae will be provided when necessary.

There will be no makeup exams for midterm or final exams. Makeup quizzes will be given if and only if appropriate documentation is provided to excuse a student’s absence. A makeup exam for the pre-requisite test that is administered at the beginning of the semester will be offered.
Disability Policy. If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room 128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

Academic Integrity Policy. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person’s work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at http://www.stonybrook.edu/uaa/academicjudiciary/

Critical Incident Management. Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students’ ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.