UAB Department of Mathematics

MA 125-6B  Calculus I  FALL 2018  Call # 51920

Course Instructor:  Dr. J. S. Hutchison
Office Location:  CH 482B  Office Phone #: (205)-934-2154
E-mail:  hutchiso@uab.edu
Office Hours:  TuWedTh 1:30 – 2:30 PM
Meeting Times:  MW 10:10-12:00 p.m.  Meeting Location:  HHB 126
Prerequisite:  Grade of C or better in MA 106, MA 107 or equivalent
Credit:  4 semester hours

Important Dates:

First day of classes  Monday, August 27, 2018
Labor Day Holiday  Monday, September 3, 2018
Last Day to Drop/Add (without paying full tuition & fees)  Tuesday, September 4, 2018
Last day to withdraw with “W”  Friday, October 19, 2018
Fall Thanksgiving Break  Mon – Fri, November 19-23, 2018
Last day of class  Friday, December 7, 2018

Major Exams (tests)
Test I:  near Monday, September 24 (Sec. 1.1-1.6, 2.1-2.4)
Test II:  near Wednesday, October 17 (Sec.2.5, 2.8, 3.1-3.5)
Test III:  near Wednesday, November 7 (Sec. 3.7, 4.1-4.5)
Test IV:  near Wednesday, November 28 (Sec. 3.6, 5.1-5.3)

(These dates are approximate and may be shifted slightly due to unforeseen circumstances.)
Final Exam:  Wednesday, December 12, 2018, 1:30 – 4:00 pm
(Location to be announced.)

Course Policies

• Please make sure that you are able to receive e-mail through your Blazer-ID account. Your instructor will be communicating important announcements this way.
• Turn off all cell phones during class.
• If you are contacted by the Early Alert Program, consider taking advantage of the services provided.
• If you wish to request a disability accommodation please contact Disability Support Services at 934-4205 or at dss@uab.edu.
• The two lowest quiz grades and the two lowest homework grades will be dropped to account for any missed assignments due to illness or any other circumstance. If a test is missed due to a serious verifiable circumstance or official university business, the test grade will be replaced with the properly rescaled final exam score. If you miss the final exam you will receive a zero score for this exam. In all cases you must contact your instructor about such circumstances before the exam takes place.
Calculators (without internet access) will be allowed during the tests and quizzes. In addition, students may bring one quick reference card to tests (i.e., a standard 5 in x 7 in index card; both sides may be used. The reference card may not be an option on certain quizzes.

**Methods of Teaching and Learning:**

- Class meetings of 110 minutes consisting of lectures and discussion of examples and homework problems. Time for quizzes and four in-class tests is also included.
- Students are expected to undertake at least 10 hours of private study and homework per week.
- The on-line homework system Enhanced WebAssign will be used. More information follows below on this.

**Assessment Procedures**

Student achievement will be assessed in the following ways:

a. **Regular on-line homework.** Homework will normally be due one week or less after a section is assigned. Feedback is provided when wrong answers are given. Students are able to retake the assignments (with randomly changed parameters) to obtain correct answers. A limited number of submissions (at most 3) is allowed during the time the set is available. Homework contributes 5% to the course average. Problems on tests are modeled after homework problems and quizzes. Staying on top of the on-line homework (as well as working daily practice problems) is therefore extremely important.

b. **Unannounced/announced quizzes.** Quiz problems are similar to homework problems. This allows students to gauge whether they are ready to work problems in a test situation. Partial credit is awarded where appropriate. Quizzes and projects contribute 4% to the course average.

c. **Four 50-minute in-class tests** which will include short questions involving basic skills as well as problems requiring in-depth understanding. Each test contributes 14% to the course average.

d. **Attendance** in the course is crucial for your success. The roll will be taken close to the beginning of each class. If you are unable to attend class, you must bring a verifiable written excuse; in that case your absence will not be counted. Attendance will contribute 5% to the course average.

e. **A 150-minute comprehensive final examination** including problems covering basic skills and in depth understanding. The final exam contributes 30% to the course average.

Your course performance is your course average (including the final exam score). This is a number between 0 and 100.

Your final grade is determined according to the following table:

<table>
<thead>
<tr>
<th>Course performance</th>
<th>88-100</th>
<th>75-87</th>
<th>62-74</th>
<th>50-61</th>
<th>Below 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Grade</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>F</td>
</tr>
</tbody>
</table>

In addition, your grade may be raised by a strong performance on the final exam (normally at most one letter grade).
TIPS
• Help is available in the Math Learning Lab (HHB 202). M-Th 9-8, F 9-5. See schedule on math website www.math.uab.edu. There will be special tutoring hours for calculus.
• Past exams given in Calculus I are posted on the math website www.math.uab.edu for student practice. Click on Test Bank under the Student Resources link.
• Regular class attendance, working steadily and regularly, and seeking help when needed will all increase your chances to succeed in this course.
• Remember that being a full-time student is a full-time job.

How to get started on Enhanced WebAssign (the on-line homework):

The following document and video link should walk you through the registration process and give you additional information on Enhanced WebAssign: http://tinyurl.com/EWA-student-registration

Basic information on how to get started on WebAssign also appears below:

(0) Go to www.webassign.net and click on I Have a Class Key in the signin link.

(1) Enter the following course key: uab 6795 1512
   and proceed. (If prompted for your institution, enter uab)

(2) When prompted to purchase an access code, select… “trial period”. (You do not need to purchase an access code at this time. However, you must purchase an access code within two weeks for you to continue using the system beyond the two week trial period. The system will prompt you to enter your access code when the deadline approaches. (Your book may have an access code bundled with it. You must use it.)
(3) After your first registration, you can sign in as a returning user.

(4) Should you run into technical problems Enhanced WebAssign provides technical support online and/or by phone.

• Chapter 1: 1.1 – 1.6
• Chapter 2: 2.1 – 2.5 and 2.8
• Chapter 3: 3.1 – 3.7
• Chapter 4: 4.1 – 4.5
• Chapter 5: 5.1 – 5.3

Chapter 1 Homework Assignments from the Text:
Section 1.1  2, 3, 5, 21, 25, 26, 28-29, 35-37, 39, 43, 59-64
Section 1.2  1-2, 4, 19, 25, 27, 34, 41, 43, 48-49, 55 (a,b,c), 58
Section 1.3  1-4, 8-9, 11
Section 1.4  2, 5, 8, 15, 17, 19, 23, 27, 39
Section 1.5  2, 4, 5, 15, 17, 27, 29, 31, 33
Section 1.6  1,3, 13-14, 20-21, 25, 29, 31-32, 33

08/24/2018