

Course Description
Calculus I
MA125-OG, Call #40127
Summer, 2022

Department of Mathematics
University of Alabama at Birmingham

Course Instructor: Dr. J. S. Hutchison

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Office Hours: Tuesday, Thursday 1-2 PM (or by appointment)

Meeting Times: MTuWTh, 4:45 – 6:15 pm. **Meeting Location:** UH 2005

Prerequisite: Grade of C or better in MA 106, MA 107 or equivalent

Credit: 4 semester hours

Textbook: *Essential Calculus—Second Edition* by James Stewart, Thomson-Brooks/Cole, 2013. ISBN-13: 978-1-133-11229-7. Chapters 1-5.3. Plus WebAssign Access Code
There is also an e-book version of the text.

Important Dates:

First day of classes	Monday, June 6, 2022
Juneteenth Holiday	Monday, June 20, 2022
Independence Day Holiday	Monday, July 4, 2022
Last Day to Drop/Add (without paying full tuition & fees)	Monday, June 13, 2022
Last day to withdraw with “W”	Friday, July 8, 2022
Last day of classes	Friday, August 5, 2022

Major Exams (tests)	Test I: near Wednesday, June 22 (Sec. 1.1-1.6, 2.1-2.5)
	Test II: near Tuesday, July 12 (Sec. 2.8, 3.1-3.7)
	Test III: near Tuesday, August 2 (Sec. 4.1-4.5, 5.1-5.3)

(These dates are approximate and may be shifted slightly due to unforeseen circumstances.)

Final Exam: **Wednesday, August 10, 4:15 -6:45 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 announcements this way and through CANVAS.

- 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 205-934-4205 or at dss@uab.edu.
- The lowest quiz grade and two of the lowest online homework grades will be dropped 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. Otherwise, the test will receive a zero 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 use one quick reference card for tests (i.e., a standard 5 in x 7 in index card or half sheet of 8 ½ x 11 in paper; both sides may be used).

Methods of Teaching and Learning:

- Class meetings of 90 minutes consisting of lectures and discussion of examples and homework problems. Time for quizzes and three 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:

- Regular on-line homework.** The online homework will normally be due before each test.. 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. This online homework contributes **6%** 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 the daily practice problems) is therefore extremely important.
- Unannounced/announced quizzes.** Quiz problems are similar to homework problems (online and daily practice ones)
This allows students to gauge whether they are ready to work problems in a test situation. Partial credit is awarded where appropriate. Quizzes and any written homework assignments together contribute **11%** to the course average.
- Three mid-term in-class tests** which will include short questions involving basic skills as well as problems requiring in-depth understanding . Each of these tests contributes **17%** to the course average.
- Attendance** in the course is crucial for your success.

e. **A 150-minute comprehensive final examination** including problems covering basic skills and in depth understanding. The final exam contributes **32%** 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:

Course performance	88-100	75-87	62-74	50-61	Below 50
Final Grade	A	B	C	D	F

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 Calculus *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 8485 9862** and proceed. (If prompted for your institution, enter *uab*)
- (2) When prompted to purchase an access code, you can 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 two

week 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.

Sections to be Covered: *Essential Calculus*, Second Edition by James Stewart, Thomson-Brooks/Cole, 2013, ISBN-13; 978-1-133-11229-7 (with Enhanced WebAssign Access Code).

- Chapter 1: 1.1 – 1.6
- Chapter 2: 2.1 – 2.5 and 2.8
- Chapter 3: 3.1 – 3.5, 3.7
- Chapter 4: 4.1 – 4.5
- Chapter 5: 5.1 – 5.3

06/02/2022