

UNIVERSITY OF ALABAMA AT BIRMINGHAM

COURSE SYLLABUS FOR MA125-7A

Instructor Information

Primary Instructor: Dr. Ivan H Mann

Contact information:

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Preferred Methods of Contact

Email is the best method of contact if you have questions. Please expect a response within 24 hours on weekdays and a slower response on weekends. Include MA125-7A in the subject line of your email for a faster response. I am available to meet with you virtually via Zoom by appointment. When we have a time to meet I will send you an email with a link to call Zoom.

Virtual Office Hours

Monday, Wednesday 2–3 PM (or by appointment)

Instructional Method

In Person: This class will be in-person instruction. Students should be in the class room on the days and hours listed in the Class Schedule. In class activities will involve lectures, examples, quizzes, and tests. There will be a significant amount of out-of-classroom learning activities, which will involve individual studying, individual homework, and group homework.

Teaching Time Zone

Central Time U.S.

UAB Policies and Resources:

Add/Drop and Course Withdrawal

- **Drop/Add: Deadlines for adding, dropping, or withdrawing from a course and for paying tuition are published in the Academic Calendar available online. Review the Institutional Refund Policy for information on refunds for dropped courses.**

- **Withdrawal:** To avoid academic penalty, a student must withdraw from a course by the withdrawal deadline shown in the academic calendar and receive a grade of W (withdrawn). Failure to attend class does not constitute a formal drop or withdrawal.

Course Information

Course number and title: Calculus I, MA 125–7A, 51923, Fall 2021
Department of Mathematics, University of Alabama at Birmingham

Meeting times: MW, 4:40–6:30 AM

Meeting location: UH 2007

Prerequisite: Grade of C or better in MA 106, MA 107 or equivalent. *Any student who has not fulfilled the prerequisite will be dropped from the class.*

Credits: 4 semester hours

Textbook: *Essential Calculus — second edition* by James Stewart, Thomson-Brooks/Cole, 2013, 2007; ISBN-13: 978-1-133-11229-7. Topics to be covered: Chapters 1 — 5.3.

Important dates

First day of classes: August 23, 2021

Labor Day Holiday: September 6, 2021

Last day to drop without paying full tuition: August 31, 2021

Fall/Thanksgiving Break: November 22–November 28, 2021

Last day of class: December 3, 2021

Major exams (tests): Test I: near Monday, September 20; Sec. 1.1–1.6, 2.1–2.4;
Test II: near Wednesday, October 11; Sec. 2.5, 2.8, 3.1–3.5;
Test III: near Wednesday, November 3; Sec. 3.7, 4.1–4.5;
Test IV: near Wednesday, November 17, Sec. 3.6, 5.1–5.3.

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

Final exam: Wednesday, December 8, 2021, 1:30–4 PM

NOTE DATE AND TIME OF FINAL EXAM!! The final will not be in this room.

Course policies

- UNTIL FURTHER NOTICE STUDENTS MUST BE WEARING MASKS AND MAINTAIN SAFE DISTANCE!
- Please make sure that you are able to receive e-mail through your Blazer-ID account. Official course announcements will be sent to that address, usually as Canvas announcements.

- If you are contacted by the Early Alert Program, you should consider taking advantage of the services it offers. Various services to assist you are also listed in the *Student Resources* section of the *Blazernet* web site.
- If you miss a test due to a serious verifiable circumstance or official university business, the test grade will be replaced with the final exam score. Otherwise, if you miss an exam you will receive a zero score for this exam. In the unlikely event when two or more midterm tests are missed due to a serious verifiable circumstance or official university business, the matter will be resolved on a case by case basis in cooperation between the student, the instructor, and the coordinator of Calculus I classes. In any case you **must** inform your instructor of such circumstances **before** the exam takes place.
- If you are an athlete and your athletic schedule will have conflicts with the calculus class, your adviser should give you a letter for me with scheduling issues. If you are in the band and your performance schedule will have conflicts, the same rules apply.
- Calculators (without internet access) will be allowed during any of the tests or quizzes. In addition, students can bring one quick reference card to tests, including the final exam (i.e., a standard size 5" × 8"-index card; both sides can be used) or one side of a standard 8 1/2" × 11" sheet of paper.

Methods of teaching and learning:

- Class meetings of 110 minutes consisting of lectures, discussions of examples and homework problems. Time also includes in class presentations, quizzes, and four in-class tests.
- Students are expected to undertake at least 10 hours of private study and homework per week.
- The online homework system WebAssign will be used (look for more information below).

Assessment procedures:

- Student achievement will be assessed by the following measures:
 - **Regular online homework.** Feedback is provided when wrong answers are given. Students are encouraged to retake the homework problems (with randomly changed parameters) until they obtain correct answers. A limited number (at most 3) of takes is allowed during the week in which the set is available. Homework contributes 4% to the course average. Problems on tests are modeled after homework problems. Staying on top of homework is therefore extremely important.
 - **In Class Presentations and (Unannounced) Quizzes.** Quiz problems are similar to the homework problem sets. This allows students to gauge whether they are ready to work problems in a test situation. Quizzes and presentations contribute 11% to the course average.

- **Four in class tests.** Partial credit is awarded where appropriate. Each test contributes 13% to the course average.
- **A 150-minute comprehensive final examination.** The final contributes 33% 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 maybe raised by a strong performance on the final exam (normally at most one letter grade).
- **MA125 CLASSES ARE NOT ELIGIBLE FOR PASS/FAIL GRADING.**

Tips

- Past tests are available at <http://www.uab.edu/cas/mathematics/calculus-testbank>.
- Help is available in the Math Learning Lab (HH 202); M–Th 9–8, F 9–5.
- By working steadily and regularly, you will increase your chances to succeed in this course.
- Remember, being a full-time student is a full-time job.

How to get started on Enhanced WebAssign

- (1) Go to *www.webassign.net* and click on *I HAVE A CLASS KEY* in the *signing* link.
- (2) Enter the following course key:

uab 4898 9876

and proceed. The “uab” is a required part of the class key.

(If prompted for your institution, enter *uab*)

- (3) When prompted to purchase an access code, select “... **trial period**” (Do not 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. Considering buying options, you may also want to look at <https://www.cengage.com/unlimited/>)
- (4) After your first registration, you can sign in as returning user.
- (5) 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, 2007, ISBN-13: 978-1-133-11229-7.

- 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.

Academic Honor Code

<https://www.uab.edu/students/one-stop/policies/academic-honor-code>

Non-Academic Student Code of Conduct

<https://www.uab.edu/students/conduct/>

DSS Accessibility Statement

Accessible Learning: UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration and procedures. Requests for reasonable accommodations involve an interactive process and consist of a collaborative effort among the student, DSS, faculty and staff. If you are registered with Disability Support Services, please contact DSS to discuss accommodations that may be necessary in this course. If you have a disability but have not contacted Disability Support Services, please call (205) 934-4205, visit their website or their office located in Hill Student Center Suite 409. You can also contact them by email at *dss@uab.edu*,