

University of Alabama at Birmingham

Course Syllabus

MA125-8AA Calculus 1 – Fall 2021

Instructor Information

Primary Instructor: Dr. Michael Hofbauer-Tsiflakos

Contact information:

Phone#: (205) 934-8541

E-mail: hofbauer@uab.edu

Preferred Methods of Contact

Email is the preferred method of contact if you have questions.

Office Hours

Tuesday/Thursday 12:50pm (right after class)

Instructional Method

Face-to-face.

Teaching Time Zone

Central Time U.S.

UAB Math Learning Lab: Students are encouraged to use the help provided by the UAB Math Learning Lab to advance their studies:

https:

[//www.uab.edu/cas/mathematics/student-resources/math-learning-lab](https://www.uab.edu/cas/mathematics/student-resources/math-learning-lab)

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:

<https://www.uab.edu/students/academics/academic-calendar/2021-2022>.

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student must withdraw from a course by the withdrawal deadline shown in the academic calendar and receive a grade of W (withdrawn).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.

UAB United: Safe Entry to Campus

Please go to the UAB United website <https://www.uab.edu/uabunited/> for guidance and resources related to our safe entry to campus in Fall 2021, including information on:

- Testing
- Academic resources and in-depth information
- Student Affairs resources to support all students (housing, dining, extracurricular activities, parking, etc.)
- Health and safety resources and recommendations for on and off-campus
- Information for graduate students, School of Medicine students, Post-Docs and International Students

All students should use the Student COVID-19 Entry Checklist to see what they have to do in order to enter the campus safely. Non-compliance with the required items will result in students not being able to remain on campus or participate in any in-person classes, meetings, jobs, extracurricular activities, and events.

Misconduct

- Academic Honor Code
<https://www.uab.edu/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*,

COVID-19 Adjustments for Students: Attendance will not be a part of your grade in this course. Students concerned about their attendance as a result of COVID-19 should register with Disability Support Services. UAB Disability Support Services (DSS) has established a process for UAB students to request temporary adjustments based on the impact of COVID-19. The process is similar to the traditional DSS registration procedures for accommodations based on disability. However, these requests will be referred to as "COVID-19 Related Temporary Adjustments". On the DSS website, there is a section (next to the traditional DSS application process) titled "Request COVID-19 Temporary Adjustments" where students can read the process and click to complete an application.

On the application, the student must complete an attestation and identify which of the following category(s) applies to their situation. Students will be allowed to submit documentation to support their requests.

- I am 65 or older
- My medical provider has determined that I am an individual who is considered high risk according to Centers for Disease Control and Prevention
- I care for or reside with an individual who has been determined to be high risk according to Centers for Disease Control and Prevention
- I have tested positive for COVID-19
- I am requesting adjustments for another reason

Any questions regarding this process should be referred directly to dss@uab.edu. For qualifying students, DSS staff will create a Notification of Temporary Adjustment Letter (PDF format) which will be provided to students. Students will share this letter, as needed, with instructors to request adjustments.

Title IX Statement

The University of Alabama at Birmingham is committed to providing an environment that is free from sexual misconduct, which includes gender-based assault, harassment, exploitation, dating and domestic violence, stalking, as well as discrimination based on sex, sexual orientation, gender identity, and gender expression. If you have experienced any of the aforementioned conduct we encourage you to report the incident. UAB provides several avenues for reporting. For more information about Title IX, policy, reporting, protections, resources and supports, please visit UAB Title IX webpage for UAB's Title IX, UAB's Equal Opportunity, Anti-Harassment, Duty to Report, and Non-Retaliation policies.

Mandatory Masks and Social Distancing Requirements

In accordance with CDC and UAB Health and Safety guidelines

<https://www.cdc.gov/coronavirus/2019-ncov/communication/guidance.html>

<https://www.uab.edu/uabunited/students/health-safety>

all faculty, staff and students are required to wear cloth face coverings or face masks. Instructors have the right to ask those who are not complying with these requirements to leave class in the interest of everyone's health and safety. In the event that a student refuses to comply with these requirements, the instructor has the right to cancel class. Please review the above links for more information. Additionally, following other simple practices will promote good health in and out of the classroom, such as frequent and thorough hand washing, wiping down desks and seats with disinfectant wipes whenever possible, not sharing personal items such as pens and cell phones, and avoiding crowded areas and other enclosed spaces. The UAB Blazer community views the adoption of these mandatory guidelines as a mark of good citizenship and respectful care of fellow classmates, faculty, and staff. Please visit the UAB United website for further information. Food may not be consumed during class times in classrooms, but bottled water is permissible.

Course Information

Course number and title: Calculus I, MA 125-8AA, 61110, Fall 2021
Department of Mathematics, University of Alabama at Birmingham

Meeting times: TR, 11:00AM–12:50PM

Meeting location: UH 2009

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 24, 2021

Labor Day Holiday: September 6, 2021

Last day to drop without paying full tuition: August 30, 2021

Last day to withdraw with a "W": October 15, 2021

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

Last day of class: December 2, 2021

Major exams (tests):

Test I: Near week of Monday, September 20; Sec. 1.1–1.6, 2.1–2.4;

Test II: Near week of Monday, October 11; Sec. 2.5, 2.8, 3.1–3.5;

Test III: Near week of Monday, November 1; Sec. 3.7, 4.1–4.5;

Test IV: Near week of Monday, November 15, 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

Course policies

- Please make sure that you are able to receive e-mail through your Blazer-ID account. Official course announcements may be sent to that address.
- 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: <http://www.uab.edu/blazernet>
- If a test is missed 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 the 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.

- 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).

Methods of teaching and learning:

- Class meetings of 50 minutes consisting of lectures and discussions of examples and homework problems. Time also includes 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 14% to the course average. Problems on tests are modeled after homework problems. Staying on top of homework is therefore extremely important.
 - **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 34% 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

- **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.
See link:
<https://www.uab.edu/cas/mathematics/student-resources/math-learning-lab>
- 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 5450 1581

and proceed. If prompted for your institution, enter *uab*. The key might be updated for the 2021 Fall semester.

- (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.