

COURSE DESCRIPTION CALCULUS II – MA 126 - DV SPRING 2022

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Instructor: Dr. Jeanne Hutchison

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Office Hours: MW after class (2:30-3:30 pm); you can also email for an individual ZOOM session.

Meeting times: MTWR 1:25 PM – 2:15 PM

Meeting location: UH 2011

Prerequisite: Grade of C or better in MA 125 or MA 225 or equivalent

Credits: 4 semester hours

Class Lecture Notes: Download from Canvas, primarily Chapters 2-7 (some review in Chapter 1)

Reference Textbook: *Essential Calculus, 2nd Edition* by James Stewart, Thomson-Brooks/Cole, 2013
Topics to be covered can be found in Chapters 5 — 8 and Chapter 10.

Important dates:

First day of class: January 10, 2022

Martin Luther King Holiday: Monday, January 17, 2022

Last day to drop/add without paying full tuition: Tuesday, January 18, 2022

Last day to withdraw with a “W”: Friday, March 22, 2022

Spring Break: March 14 – March 22, 2020

Last day of class: Friday, April 22, 2022

Major tests: Test I: near Monday, February 7; Class notes 2.3-4; 3,1-4
Test II: near Monday, February 26; Class notes 4.1-4; 5.1-3
Test III: near Monday, March 28; Class notes 6.1-8
Test IV: near Monday, April 18; Class notes 7.1-7.6

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

Final exam: Wednesday, April 27, 1:30 PM – 4:00 PM (Location to be announced.)

Date: January 7, 2022.

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.
 - If you wish to request a disability accommodation please contact DSS at 934-4205 or at dss@uab.edu.
 - The lowest homework grade 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 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 II classes. In any case you **must** inform your instructor of such circumstances **before** the exam takes place.
 - No books or lecture notes will be allowed during any of the tests or quizzes.
 - Calculators which do not have access to the internet will be allowed during tests and/or quizzes.
 - A 5" × 8" Quick Reference Card made by the student will also be allowed on all major exams (tests and final exam), but not on quizzes.
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Methods of teaching and learning:

- 55 Class meetings of 50 minutes consisting of lectures and discussions of examples and homework problems. Time also includes quizzes and four (**50-minute**) in-class tests.
 - Students are expected to undertake at least 10 hours of private study and homework per week.
 - The Thursday class will normally be devoted to a weekly tutorial designed to provide you with assistance in completing the homework for the week. The assignments are always due on Monday of the next week. Late submissions will be graded for correctness, but will not count toward the course score.
 - During test weeks, the test will usually be during the Monday class, and the Thursday class of the previous week will be used in similar fashion as a tutorial for your test review problems which will be distributed ahead of time.
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Assessment procedures:

- Student achievement will be assessed by the following measures:
 - **Regular graded homework.** Written homework will be assigned most weeks and due the following Monday. Homework contributes 40% to the course average. Problems on tests are modeled after homework problems. Staying on top of the homework is therefore extremely important.

- **Four in class tests.** Each test contributes 9% to the course average and typically 3includes a mixture of shorter questions (or parts of questions) designed to test insight and manipulative skills, together with longer problems requiring in-depth understanding, including "word" problems. Each tests lasts 50 minutes.
- **A 150-minute comprehensive final examination.** The final contributes 24% 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

- After the final exam scores and grades have been entered, grades may be checked via <https://www.uab.edu/cas/mathematics/resources> under the heading *Check Grades*.
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Tips:

- Help is available in the Math Learning Lab (HHB 202); M–Th, 9:00 AM –8:00 PM, F 9:00 AM – 3:00 PM. It is closed during official UAB holidays and breaks. Limited hours are available during final exams.
 - By working steadily and regularly, asking lots of questions when you are stuck, all increase your chances to succeed in this course. I am more than willing to help you chart an effective path through the course material.
 - Remember, being a full-time student is a full-time job.
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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.

UAB United: Safe Entry to Campus · Please go to the UAB United website (www.uab.edu/uabunited) for guidance and resources related to our safe entry to campus in Spring 2022. There is a link on this site to report Covid symptoms or exposure to Student Health. Student Health and Wellness will in turn provide any needed excused absences from class and will notify your instructor in the event you test positive for COVID.

Mandatory Masks: In accordance with CDC guidelines and for the health and well-being of all faculty, staff and students. Students, faculty and staff are currently required to wear cloth face coverings or face masks at all times indoors while on the UAB campus. These requirements and others may be updated from time to time.

Non-compliance with masking and other Covid-related requirements will result in students not being able to remain on campus or participate in any in-person classes, meetings, jobs, extracurricular activities, and events. · We urge you strongly to be fully vaccinated

Misconduct: The University of Alabama at Birmingham expects all members of its academic community to function according to the highest ethical and professional standards. Students, faculty, and the administration of the institution must be involved to ensure this quality of academic conduct. Review the UAB Academic Integrity Code and Non-Academic Student Code of Conduct. Google *UAB Academic Integrity Code* and *UAB Non-Academic Student Code*.

DSS Accessibility Statement: 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. UAB Disability Support Services (DSS) has established a process for UAB students to request temporary adjustments based on the impact of COVID-19. 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.

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.