Mathematics 1311-004: Accelerated Engineering Calculus I
Fall 2020 Syllabus

Instructor: Amanda Alexander (she/her/hers)
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Accessibility and support:

- Office hours via Zoom TBA, or by appointment
- Please email me or send me a message in Canvas if you have any further questions or concerns that cannot be addressed in office hours. I check my email every day and will usually respond to emails within two days. Examples of reasons to email me:
  - Mathematical question that you were unable to ask during office hours or in class
  - Concerns about obtaining internet access or technology necessary for online class
  - Questions about class policies
  - To let me know that you aren’t feeling well (physically and/or mentally) and discuss strategies to maintain your academic success
  - etc


An online version of this textbook is available on Canvas at a $40 rental fee that is automatically added to your tuition as a course fee unless you opt out of the Inclusive Access program. I believe that this is the cheapest option to access the textbook, but you may request to opt out at https://portal.verba.io/utah/login.

Prerequisites: AP Calculus AB score of 4 or better OR AP Calc BC score of 3 or better

Course Details

Canvas: All important communications about the course will be via Canvas announcements. All grades will be posted on Canvas, but I do not use Canvas to calculate final grades and thus your overall percent grade on Canvas should be viewed as an approximation of your final grade. I recommend checking Canvas at least once a day in order to stay on top of course material and updates.

Lecture: Lectures will be held via interactive video conferencing (IVC), meaning that I will give live video lectures on Zoom during class times. These lectures will be recorded and posted on Canvas. I highly recommend attending Zoom lectures so that you can ask questions, but attendance is not required. Please let me know if there is a reason you are unable to attend, such as poor internet connection or a broken laptop, and we can discuss solutions.
Location and meeting times:  Canvas and Zoom; Mon, Tues, Wed, Fri at 10:45am-11:35am

Homework:  Problems will be assigned every Friday and will be due the following Friday at 11:59pm mountain time, unless there is a midterm that week. You will submit your homework online via Gradescope. I will post instructions explaining how to do this on Canvas during the first week of class. Your two lowest scoring homework assignments will be dropped from your grade, but no late homework will be accepted.

Quizzes:  A 10-minute quiz will be given every Friday on Canvas, unless there is a midterm that week. I will post instructions explaining how to do this on Canvas during the first week of class. Your two lowest scoring quizzes will be dropped from your grade, but no make-up quizzes will be given.

Midterms:  Three midterm exams will be administered via Gradescope during class time on Sept. 18th, Oct. 16th, and Nov. 13th. The exams will be split into two 25 minute sessions, and the problems from the second session will become available after the submission deadline for the first session. Optional practice problems and a knowledge checklist will be posted one week before each midterm instead of a homework assignment. Midterms can be rescheduled if absolutely necessary, only if I am notified at least a week prior to the date of the midterm (or as soon as possible in extenuating circumstances).

Final exam:  A two-hour comprehensive final exam will be given via Gradescope in a similar fashion to the midterms on Tuesday, December 8, 2020, 10:30 am – 12:30 pm. Students must take the final exam to pass the course.

Collaboration and use of outside resources:  You are allowed and encouraged to collaborate with other students on homework and lab assignments, but the answers and explanations that you turn in must be written in your own words. You must work individually on quizzes, midterms, and the final exam. You may consult your notes for quizzes, midterms, and the final exam, but no other materials on Canvas, online, or anywhere else. I consider any violation of these rules to be cheating, and if I see strong evidence of this behavior I will notify you and take disciplinary action according to the academic dishonesty statement below.

Grading policy:
  - Homework:  10%
  - Quizzes:  10%
  - Lab sheets:  20%
  - Midterms:  30%
  - Final:  30%
Grading scale: A (93-100), A- (90-92.9), B+ (87-89.9), B (83-86.9), B- (80-82.9), C+ (77-79.9), C (73-76.9), C- (70-72.9), D+ (67-69.9), D (63-66.9), D- (60-62.9), E (0-59.9)

Additional policies and resources

Important dates:
Last day to add classes without a permission code: Friday, August 28
Last day to add, drop, elect CR/NC, or audit classes: Friday, September 4
Last day to withdraw from classes: Friday, October 16
Holidays: There will be no class on Monday, September 7 (Labor Day) and November 26-29 (Thanksgiving break)
Please check the academic calendar for other information.


Academic dishonesty: Academic dishonesty is strictly not tolerated and subject to an automatic E in this course; your enrollment in this course indicates that you understand and will follow my and University policies regarding academic dishonesty. As defined in the University Code of Student Rights and Responsibilities, academic misconduct includes, but is not limited to, cheating, misrepresenting one’s work, inappropriately collaborating, plagiarism, and fabrication or falsification of information. It also includes facilitating academic misconduct by intentionally helping or attempting to help another student to commit an act of academic misconduct.

Inclusivity Statement: It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students’ learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, and veteran status, and other unique identities. Your suggestions are encouraged and appreciated. Please let me know of ways to improve the effectiveness of the course for you personally or for other students or student groups. In addition, if any of our class meetings conflict with your religious events, please let me know so that we can make arrangements for you.

ADA statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for Disability Services.

Sexual misconduct: Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights
offense subject to the same kinds of accountability and the same kinds of support applied
to offenses against other protected categories such as race, national origin, color, religion,
age, status as a person with a disability, veteran’s status or genetic information. If you or
someone you know has been harassed or assaulted, you are encouraged to report it to the
Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park
Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-
7066.
For support and confidential consultation, contact the Center for Student Wellness, 426 SSB,
801-581-7776.
To report to the police, contact the Department of Public Safety, 801-585-2677(COPS).

**Campus Safety:** The University of Utah values the safety of all campus community mem-
bers. To report suspicious activity or to request a courtesy escort, call campus police at
801-585-COPS (801-585-2677). You will receive important emergency alerts and safety mes-
ges regarding campus safety via text message. For more information regarding safety and
to view available training resources, including helpful videos, visit safeu.utah.edu

**Student names and personal pronouns statement:** Class rosters are provided to the
instructor with the student’s legal name as well as “Preferred first name” (if previously en-
tered by you in the Student Profile section of your CIS account). While CIS refers to this as
merely a preference, I will honor you by referring to you with the name and pronoun that
feels best for you in class, on papers, exams, etc. Please advise me of any name or pronoun
changes (and update CIS), so I can help create a learning environment in which you, your
name, and your pronoun will be respected. If you need assistance getting your preferred
name on your UID card, please visit the LGBT Resource Center Room 409 in the Olpin
Union Building to schedule a time to drop by. The LGBT Resource Center hours are M-F
8am-5pm and 8am-6pm on Tuesdays.

**English Language Learners:** If you are an English language learner, please be aware
of several resources on campus that will support you with your language and writing de-
development. These resources include: the Writing Center (http://writingcenter.utah.edu/);
the Writing Program (http://writing-program.utah.edu/); the English Language Institute
(http://continue.utah.edu/eli/). Please let me know if there is any additional support you
would like to discuss for this class.

**Undocumented Student Support:** Immigration is a complex phenomenon with broad
impact—those who are directly affected by it, as well as those who are indirectly affected
by their relationships with family members, friends, and loved ones. If your immigration
status presents obstacles to engaging in specific activities or fulfilling specific course criteria,
confidential arrangements may be requested from the Dream Center. Arrangements with the
Dream Center will not jeopardize your student status, your financial aid, or any other part of
your residence. The Dream Center offers a wide range of resources to support undocumented
students (with and without DACA) as well as students from mixed-status families. To learn
more, please contact the Dream Center at 801.213.3697 or visit dream.utah.edu.
**Veterans Center:** If you are a student veteran, the U of Utah has a Veterans Support Center located in Room 161 in the Olpin Union Building. Hours: M-F 8-5pm. Please visit their website for more information about what support they offer, a list of ongoing events and links to outside resources: http://veteranscenter.utah.edu/. Please also let me know if you need any additional support in this class for any reason.

**Student Success Advocates:** The mission of Student Success Advocates is to support students in making the most of their University of Utah experience (ssa.utah.edu). They can assist with mentoring, resources, etc. Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact a Student Success Advocate for support (https://asuu.utah.edu/displaced-students).

**Wellness statement:** Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student’s ability to succeed and thrive at the University of Utah. For helpful resources contact the Center for Student Wellness at www.wellness.utah.edu or 801-581-7776.

**University Counseling Center:** The University Counseling Center (UCC) provides developmental, preventive, and therapeutic services and programs that promote the intellectual, emotional, cultural, and social development of University of Utah students. They advocate a philosophy of acceptance, compassion, and support for those they serve, as well as for each other. They aspire to respect cultural, individual and role differences as they continually work toward creating a safe and affirming climate for individuals of all ages, cultures, ethnicities, genders, gender identities, languages, mental and physical abilities, national origins, races, religions, sexual orientations, sizes and socioeconomic statuses.

**Office of the Dean of Students:** The Office of the Dean of Students is dedicated to being a resource to students through support, advocacy, involvement, and accountability. It serves as a support for students facing challenges to their success as students, and assists with the interpretation of University policy and regulations. Please consider reaching out to the Office of Dean of Students for any questions, issues and concerns. 200 South Central Campus Dr., Suite 270. Monday-Friday 8 am-5 pm.

**Lodging Complaints:** If you feel that I have disrespected you, not accommodated you, made you feel unsafe, harassed you in any way, etc., please let me know. I will be more than happy to change my behavior and work with you to make the class more safe and/or accessible; I strive to create a safe learning environment for all students. Though you can reach out to me, I understand confronting someone who has disrespected/offended/harassed/upset/hurt you can be difficult. If you would like to lodge a formal complaint against me (for my teaching, behavior, class conduct, etc.), you may email Kelly MacArthur at macarthur@math.utah.edu, or my course coordinator, Will Nesse, at nesse@math.utah.edu.

I reserve the right to change my policies stated in this syllabus at any point in the semester. If I do make a change to a policy, I will announce it in class as well as communicate the change via email or an announcement in Canvas.