

MATH 125-03, Fall 2021

Instructor: Dr. Rachel Schwell

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Office Hours: M 1:00 – 2:00 pm; T 4:30 – 6:00 pm*; R 11:00 am – 12:30 pm; F 12:30 – 1:30 pm; or by appt.

Office Hours link: <https://us.bbcollab.com/guest/84484ad35d864b49ac9b1db170f02c80>

Course Content: This course is for students majoring in the social, biological, behavioral, and managerial sciences. Topics include review of algebra, differentiation, and integration. A conceptual and application-based rather than computational approach will be taken.

Text: The text we will be using is **Calculus and its Applications, Brief Version, with MyLab Math**, by Bittinger, Ellenbogen, and Surgent, **12th edition**. MyLab Math comes with the complete etext, so you might choose to purchase only the access code. If you would also like to have a hard copy, you might purchase the 11th edition used, as the content itself is the same and the price will be less.

Class Times: The class will meet TR 3:05 – 4:20 online via Blackboard Collaborate (or possibly Zoom).

Goals of the Course: The main goal of this course is for you to gain a strong conceptual understanding of the principles of calculus, and why it matters in our world. It is all over the place if you know what to look for! Much emphasis will be placed on interpreting graphs as real-life situations. Lastly, the course will contain a lot of group work with a lot of input from YOU! We will do many in-class worksheets, whose purpose is to either reinforce/synthesize previously introduced concepts or to introduce new concepts via student-driven inquiry.

Homework: We will be using the Pearson MyLab Math online homework system this semester. You may enroll directly through Blackboard by using the “MyLab” link on the left, where you will be prompted to enter the access code that you purchased with your textbook (or you will be prompted to purchase one if you have not already done so). There will be a homework set for each section (usually two per week), with homework due every Monday night by 11:59 pm. I encourage you to do the homework as soon as possible after each class. You will have an unlimited number of attempts to solve each problem correctly, but will have one, two, or three chances (depending on the problem) with each particular set of numerical values. After you have used up all of those attempts, the problem will reset with new numbers if you click the “Similar Exercise” button. You may also take advantage of various help keys on the side of each problem. **Be careful that you are understanding each problem and not simply replacing numbers.** There is also a button that will allow you to send me an e-mail, and which will send me a screen shot of where you were at that particular moment in time. These are only some of the resources available to you in this software, and I encourage you to explore and take advantage of all the features.

Presentations: If we were on-ground we would have weekly quizzes. Due to the cumbersome nature of proctoring these, we will instead be doing presentations posted on GoReact (accessible via Blackboard), where classmates can give comments and ask questions in “real time”. Each presentation will receive a grade out of 10 points based on correctness and

*Starting 2/16. Until then, Tuesday office hours will be 1:30 – 3:00 pm.

clarity/organization; you may redo a presentation after receiving feedback for a higher grade. You should aim to do at least two presentations throughout the semester; more can help your grade.

Since you yourself will only present a handful of times, your comments and responses to each presentation are equally important. As part of the “audience”, your job is to provide substantive questions and comments on your classmates’ presentations. Comments such as “good job!” and “nicely organized!” are certainly welcome, but don’t count as “substantive”.

Exams: There will be two live proctored exams throughout the semester. These will take place via Webex or Zoom with video cameras on, with your entire workspace plus both your hands visible at all times. You may print the exam or simply write out the questions. I will then have you scan your exam using a scanning app, and post it for me to grade electronically. **Exams may only be made up in advance, or afterwards only with the proper documentation justifying your absence.** The cumulative proctored final exam will take place on Tuesday, May 11, 1:00 – 3:00 pm.

Your grade will be calculated by the following distribution:

Presentations & Feedback – 15%	Cumulative Final Exam – 25%
Homework – 10%	2 Exams – 20% each = 40%
In-Class Participation – 10%	

Letter grades will be assigned according to the following percentage-based scale:

A: 92.5 and above	C: 72.5-76.4
A–: 89.5-92.4	C–: 69.5-72.4
B+: 86.5-89.4	D+: 66.5-69.4
B: 82.5-86.4	D: 62.5-66.4
B–: 79.5-82.4	D–: 59.5-62.4
C+: 76.5-79.4	F: 59.4 and below

Time Expectations: You should expect to put in the standard expected amount of out-of-class time, which is two hours for every credit hour, or six hours total per week for this course. That is an average: some students may require more time, some students may require less. There is no shame in requiring more time for mastery.

If you miss a class, you may access the recording of that class via Collaborate in Blackboard (or elsewhere if we use Zoom). However, group work portions will not be recorded.

Office Hour Etiquette: If you need extra help, but cannot make the listed office hours, you should either make an appointment with me by e-mail or after class. I will always be happy to answer your questions in office hours. However, you must come prepared. In other words, you should have read over your notes, rewatched relevant class recordings and student presentations, and already made serious attempts on the homework.

Calculator Use: The recommended calculator for this course is the TI-84+. Similar calculators such as the TI-83, TI-83+, TI-84, and TI-86 are also acceptable. Calculators with a symbolic capability such as the TI-89 and TI92 are not allowed on tests, quizzes or examinations. Telephone calculators are not permitted on tests, quizzes or examinations. If you are wondering whether your calculator is acceptable, please ask me.

A Few Final Notes:

1. You may have understood by now that an online course requires a lot more proactivity than an on-ground one. You won't be able to just show up to class and absorb (which isn't usually the case from an on-ground course either, but it can be easy to fall into that trap.) You will need to make sure you are logging into the various course platforms frequently and keeping up with the checkpoints along the way.
2. We all know from experience now that technology can all too easily fail for all sorts of reasons. Nevertheless, you should try to control what you can control: Make sure you understand how to access material on Blackboard, MyLab, and GoReact, how to record yourself on your phone or computer, how to join and participate in synchronous class sessions, etc. While I might be able to troubleshoot some things, you will definitely get better technology support by emailing or calling the IT HelpDesk: techsupport@ccsu.edu or (860 832-1720).
3. I understand we are in crazy times, and that crazy things can come up. I just ask that you keep me in the loop as to if this is what's going on in your life. Email me to check in if I won't see you or hear from you on a day we have class or in a week where you were supposed to present. I can be flexible given the circumstances, but if I don't know your situation I'll just be following the guidelines set out in this syllabus.

University Policies:

1. You must take the final examination at the time specified online in the registrar's final exam schedule: **Tuesday, May 11, 1:00 – 3:00 pm.**
2. If you are a student with a documented disability, and would like to request academic accommodations, you are encouraged to contact Student Disability Services (SDS) at 860-832-1952, or email disabilityservices@ccsu.edu. Please visit the SDS website at <http://www.ccsu.edu/sds/> to download an Intake form and documentation requirements. Temporary impairments may also qualify for accommodations. Central Connecticut State University provides reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act for students with documented disabilities on an individualized basis.
3. The last day to withdraw from a course is Monday, April 19. Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course.

After April 19 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences. Poor academic performance is not considered an extenuating circumstance.

4. You are responsible for understanding and abiding by the University's policy on academic integrity. Please be careful! The internet is a useful place for information, but a dangerous place for risk of plagiarism. Do not tempt it. Not only will you not learn and thus fail the course anyway, you will also get yourself in trouble. Information on the University's policy may be found at <http://www.ccsu.edu/AcademicIntegrity/>. This policy is rigorously enforced by your

instructor and by the Department of Mathematical Sciences.

Title IX Information:

Statement on Discrimination and Harassment

Central Connecticut State University strives to maintain our campus as a place of work and study for faculty, staff, and students that is free of all forms of prohibited discrimination and harassment based upon age; ancestry, color; gender identity and expression; intellectual disability; learning disability; mental disorder; physical disability; marital status, national origin; race; religious creed; sex, (including pregnancy, transgender status, sexual harassment and sexual assault); sexual orientation; or any other status protected by federal or state laws.

Any student who has concerns about should contact the Office of Equity & Inclusion(OEI)at 860-832-1652, Student Affairs at 860-832-1601, or their faculty member. **The OEI is located on the main floor of Davidson Hall, room 119.**

Sexual Misconduct, Intimate Partner Violence and Stalking

Central Connecticut State University (CCSU) will not tolerate sexual misconduct against students, staff, faculty, or visitors in any form, including but not limited to: sexual assault, sexual exploitation, sexual harassment, or stalking, as defined in CCSU policies. For additional information, please consult the CCSU policy at <https://www.ccsu.edu/diversity/policies/index.html>. **All faculty members and staff have a duty to report incidents of sexual harassment including sexual misconduct, intimate partner violence and stalking to Pamela Whitley, Title IX Officer, Office of Equity & Inclusion, Davidson Hall, 119.**

To file a report, contact: Equity & Inclusion(860-832-1652), Student Conduct (860-832-1667) or Student Affairs (860-832-1601). For criminal complaints, contact the University Police (860-832-2375).

For support and advocacy, contact: Office of Victim Advocacy at 860-832-3795 or jflanagan@ccsu.edu; Student Wellness Services at 860-832-1945(confidential); Women's Center at 860-832-1655; the local YWCA's Sexual Assault Crisis Services Hotline at 860-223-1787 (confidential) and Prudence Crandall Center for Domestic Violence (confidential) at 888-774-2900 (24-hour hotline).