Math 123-05 Applied Business Mathematics

Spring 2021

Instructor: Jennifer Zering
Office Hours: Tuesday/Thursday 10-11:30a
Office: WebEx link found on Blackboard
Please make an appointment
Class Times: Tuesday & Thursday
Email: zering@ccsu.edu
1:40 – 2:55 PM
Classroom: Bassett 211

Course Description: Elements of calculus and finite mathematics with emphasis on applications to problems arising in business. Topics include polynomial and rational functions, modeling, limits, continuity, derivatives, maxima and minima of functions, matrices, systems of linear equations, linear inequalities, and linear programming. Exponential and logarithmic functions will be studied if time permits. No credit given for students with credit for MATH 124, 125, 135 or 152.

Prerequisite: MATH 101 (C- or higher) or placement exam.

Text and Course Materials:

- **RECOMMENDED:** Sullivan, M., Mizrahi, A., & Miranda, K. Student Solutions Manual to accompany Mathematics: An Applied Approach, 8e
- **Graphing Calculator is required.** If you do not already own one, you have some time before it becomes necessary. You will need a graphing calculator for material in chapter 4, but it will be useful for earlier material as well as the remainder of the course.

Course Requirements:

Attend and participate in every class, and be on time. Come to class prepared with your workbook, notebook, folder, calculator, and pencils/pens. Bring specific questions!

Turn phones off and put them away. They should be out of sight and mind (not in your lap/pocket!) so you can focus on class.

Watch all videos carefully and take notes - you'll likely have to review parts of them more than once to learn deeply. Make repeated attempts on all homework assignments; take quizzes and tests as scheduled. Take responsibility - complete all your work and keep to a schedule so that you do not fall behind.

Put in at least 6 hours every week outside of class to watch videos, do homework and to study. If you are having trouble with the class, first ask yourself, “Am I putting in at least 6 hr/wk?” “What else can I do to understand the material on my own?” "What specific questions will I ask in class?”
If you plan to miss a class please notify the instructor ahead of time via email to obtain any missed information. If an unexpected absence occurs notify the instructor as soon as possible. There are **NO MAKE-UPS** for tests and quizzes. If you know beforehand that you will miss a test/exam, email me to set up an alternate time before the test date has passed.

**University Policies:**

The link to the university policies is [https://www.ccsu.edu/ctfd/syllabiPolicy.html](https://www.ccsu.edu/ctfd/syllabiPolicy.html)

**Academic Integrity:**

All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion. The Department of Mathematical Sciences rigorously enforces this policy. Don’t cheat; it’s not worth it.

For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (http://www.ccsu.edu/StudentConduct/codeofconduct.asp) and the Academic Misconduct Policy (http://www.ccsu.edu/AcademicIntegrity/).

**Student Behavior** - Taken from the BOR/CSCU STUDENT CODE OF CONDUCT

[https://web.ccsu.edu/studentconduct/files/Student%20Code%20of%20Conduct%201.15.15.pdf](https://web.ccsu.edu/studentconduct/files/Student%20Code%20of%20Conduct%201.15.15.pdf)

All members of CSCU must at all times govern their social and academic interactions with tolerance and mutual respect...Because of the BOR’s and CSCU's commitment to principles of pluralism, mutual respect, and civility, certain activities are not acceptable on CSCU campuses.

Please be aware that any violations of this Code of Conduct will result in a report of misbehavior to the Office of Student Conduct. Severe violations can result in dismissal from CCSU.

**Grading Policies: About Deadlines, Missed Tests or Assignments, Extra Credit, etc.**

- Work submitted late will automatically receive zero (0) points. Work is not accepted past the deadlines posted in the course *Tentative Schedule*, unless:
  - It is a homework assignment that you have already **submitted** by the due date. The more practice you get the better.
  - An extension was requested in advance and the student has obtained prior permission from the instructor.
  - A test or assignment deadline was missed due to illness or emergency. In the event of a missed test or assignment due to illness or emergency:
- My expectation is that you will contact me either on the date of the missed test, with the exception of truly serious emergencies.

- Only with the proper documentation and timely contact will you be allowed a retake or an extension of the due date.

- There is no opportunity for extra credit at the end of the term because of poor grades, or due to missed tests or assignments.

- The bottom line: You earn the grade you get in this course. You are responsible for turning your work in on time. You are responsible for maintaining the quality of the work that will earn you a good grade.

### Weighting of Grade Categories

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<thead>
<tr>
<th>Category</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Homework/Quizzes</td>
<td>40%</td>
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<tr>
<td>Unit Tests</td>
<td>40% - 10% each</td>
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<tr>
<td>Final Exam</td>
<td>20%</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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