Course#: 11202
Class Meeting: M, W: 5:55 - 7:10 p.m.  Room: RVAC 307

Instructor: Dr. A. Vaz
Office Hours: Maria Sanford Hall, Room 219, M, W 5:00 - 5:45 p.m.
E-mail: vaza@ccsu.edu  Phone: (860) 832-2722

Publisher: Wiley. ISBN: 978-0471-327844

Calculator: TI-83/83+/84 graphing calculator required.

Electronic Devices Policy: Laptops and PDA’s are not to be used during class, exams, or quizzes unless
special accommodations are necessary. No cell phones are allowed during a quiz, test or an exam.

Pre-requisite: (C- or Higher) in MATH 101 or MATH 102 or MATH 103 or Math Placement Exam.

Course Description & Outline:
This course is for students pursuing Business-related majors. Elements of calculus and finite mathematics
will be considered with emphasis on applications to problems arising in business. No credit will be given to
students with credit for MATH 124, 125, 135 or 152. Topics include but are not limited to the
following:

- Linear Equations - Review materials (Ch.1.1 - 1.4)
- Systems of Linear Equations; Matrices (Ch. 2.1-2.2 only)
- Linear Programming: Geometric Approaches - Business-related prob. (Ch. 3.1-3.3)
- Functions & Their Graphs (Ch. 10.1-10.3 only)
- Classes of Functions (Ch.11.1 - 11.3 & 11.6 only; 11.4 - if time permits)
- The Limit of a Function (Ch. 12.1-12.3 only)
- The Derivative of a Function (Ch. 13.1-13.3; 13.4 - if time permits)
- Applications of Derivatives (Ch. 14.2, 3 & 5 only).

Attendance: Regular attendance is expected, and it is a measure of participation in this course. If you
are ill and cannot attend class, please inform me via email. In the case of an extended illness (a week or
more), a medical certificate is required. If you are absent, attend class late or leave early, you are still
responsible for the course content you missed, and excessive absences (3 or more) could affect your grade.

University Policies:
1. You must take the final exam at the time specified: Wednesday, Dec. 8, 5:30 - 7:30 p.m.  See
Registrar’s Website. However, if your average is at least 90% after Test 3, you may be exempt.
2. Please contact me privately to discuss your specific needs if you believe you need course
accommodations based on the impact of a disability, medical condition, or if you have emergency medical
information to share. I will need a copy of the accommodation letter from Student Disability Services
to arrange your class accommodations. Contact Stephanie Scapeccia in Student Disability Services at (860)
832-1952, Willard Hall, Room 201, if you are not already registered with them. Student Disability Services
maintains the confidential documentation of your disability and assists you in coordinating reasonable
accommodations with your faculty.

3. 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.

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

COVID-19: Consistent with the University’s protocols regarding Covid-19 and for the health and safety of everyone, wearing a mask in class is required. Please read details in Covid-19 Measures posted in the Course Documents folder in Blackboard.

4. 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 policies at http://www.ccsu.edu/page.cfm?p=1333.

5. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM), WFSB-TV 3, WTNH-TV 8, WVIT-TV 30, or call (860) 832-3333 for the “general snow message.”

6. The last day to withdraw from a course and receive the grade of “W” is Wednesday, Nov. 17. Approvals for withdrawal prior to this date 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 Registrar’s Office are not considered official notice of a student’s intention to drop the course. After November 17, withdrawals are allowed only under extenuating circumstances and require approval of the course instructor and department chair (in that order).

Assessments:
Your course grade will be calculated using your performance on class participation, three (3) quizzes, three (3) tests, and a required final exam based on the following weights:

<table>
<thead>
<tr>
<th>Class Participation</th>
<th>5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (5% each)</td>
<td>15%</td>
</tr>
<tr>
<td>Qz#1 - Sep. 13</td>
<td>15%</td>
</tr>
<tr>
<td>Qz#2 - Oct. 10</td>
<td>15%</td>
</tr>
<tr>
<td>Qz#3 - Nov. 17</td>
<td>15%</td>
</tr>
<tr>
<td>3 In-Class Tests (65%)</td>
<td>3 In-Class Tests (65%)</td>
</tr>
<tr>
<td>Test #1 - Sep 29</td>
<td>20%</td>
</tr>
<tr>
<td>Test #2 - Nov. 3</td>
<td>25%</td>
</tr>
<tr>
<td>Test #3 - Dec. 1</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam: Wednesday, Dec. 8; 5:30 - 7:30 p.m.</td>
<td>15%</td>
</tr>
</tbody>
</table>

If your final exam score is good, it will also replace your lowest score on any of the three in-class tests.

The following standard 100-point scale will be used to assign the letter grade you earned:

<table>
<thead>
<tr>
<th>Grade</th>
<th>A</th>
<th>A-</th>
<th>B+</th>
<th>B</th>
<th>B-</th>
<th>C+</th>
<th>C</th>
<th>C-</th>
<th>D+</th>
<th>D</th>
<th>D-</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starts at</td>
<td>93%</td>
<td>90%</td>
<td>87%</td>
<td>83%</td>
<td>80%</td>
<td>77%</td>
<td>73%</td>
<td>70%</td>
<td>67%</td>
<td>63%</td>
<td>60%</td>
<td>&lt; 60</td>
</tr>
</tbody>
</table>

Available Resources:
1. If you need help, take advantage of your instructor's office hours.

2. Free tutoring is available in The Learning Center - located in Diloretto, D-316. They can be reached at (860) 832-1900.

3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.