Course Title: Calculus III, MATH 222 - 01
Fall 2019
Credits: 4
Prerequisite: MATH 221 (with C- or higher)
Course Description: This course is dedicated to the study of Calculus with functions of two or more variables. It begins with a discussion of the fundamental concepts of three-dimensional analytic geometry and continues with a detailed study of functions of several variables including partial derivatives, optimization, double and triple integrals, and a brief introduction to vector calculus.
Instructor: Nelson Castaneda
Office: Marcus White 123
Phone: 860 832-2851
Email: castanedan@ccsu.edu
Office Hours: Monday and Wednesday 2:55 - 4:55 PM, Friday 4:05 - 5:05 PM.
We can arrange to meet at a different time if necessary.
Textbook: University Calculus, third edition by Hass, Weir, and Thomas, Addison Wesley. I will also post problems using MyMathLab for you to practice. These MyMathLab assignments are not graded.
Class Meeting Times: MWF 10:50 AM – 12:00 PM in Ebenezer Bassett Hall 111.
Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.
Coverage: We cover most sections from Chapters 11, 12, 13, 14, and 15 of the textbook and review some of the sections from Chapter 10 as needed.
Graphing Calculators: Any graphing calculator is acceptable for homework and class work. However, for tests and quizzes calculators more sophisticated than the TI - 84 are not allowed.
Homework: A list of homework problems will be handed out. You must start working on a set of problems the same day that the corresponding section is covered in class. These problems won’t be collected but you must ask in class or during office hours questions regarding the problems that you couldn’t solve after honest attempts. In addition to this a set of assignments will be posted on MyMathLab. You are encouraged to work with one or more classmates for a more efficient learning.
Assessment: There will be three quizzes, two in-class tests, and a final exam. Each quiz is worth 5%, the in-class tests are worth 25%, each. Class participation and effort is worth 10%. The final exam is cumulative, is given on Wednesday, December 11th, 10:30 AM - 12:30 PM, and is worth 25%.
Every five missed classes without documented justification will result in a one letter grade reduction for the course.
The minimum averages to determine the letter grades are as follows:
A 93% A- 90% B+ 87% B 83% B- 80% C+ 77% C 73% C- 70% D+ 67% D 63% D- 60%
Final Exam:
Wednesday, December 11th, 10:30 AM - 12:30 PM.
## Evaluation Schedule

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Date</th>
<th>Topics</th>
<th>Score</th>
<th>Grade %</th>
<th>Accumulated %</th>
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<tbody>
<tr>
<td>Quiz 1</td>
<td>September 13</td>
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<td>Quiz 2</td>
<td>September 27</td>
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<tr>
<td>Test 1</td>
<td>October 11</td>
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<td>Makeups</td>
<td>October 25</td>
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<td>Quiz 3</td>
<td>November 1</td>
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<td>Test 2</td>
<td>November 15</td>
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<tr>
<td>Makeups</td>
<td>November 22</td>
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<tr>
<td>Final Exam</td>
<td>December 11</td>
<td>Everything</td>
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### Resources Available:

1. If you need help, take advantage of your instructor’s office hours. Do not wait until just before the first test to do so.

2. The Learning Center is located in Diloretto Hall, Room D-316. Free tutoring is available. Check [this website for schedule and further information](#).

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.

4. A list of private tutors for hire can be found in the [website of the math department](#). The math department is located in Marcus White Room 128, and its phone is 860-832-2835.

5. You can download the software Mathematica from the [website of the math department](#). I post several demonstrations using Mathematica on Blackboard Learn.
University Policies:

1. You must take the final examination at the time specified in the university’s Final Exam Schedule: Wednesday, December 11th, 10:30 - 12:30 PM.

2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible. My telephone number and office hours are given above.

I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Willard - DiLoreto Hall, Room W 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. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message,” or check the online Cancellation/Delay Information.

4. Students may drop full semester courses up to the last day of the third week of classes in the regular semester. Courses dropped by Monday, September 16 will not appear on the students transcript. Please drop the course by September 16 if you think that this course is not appropriate for you. Feel free to stop by my office to discuss your situation.

5. Students withdrawing from a full semester course from September 16 through November 18 (through the 12th week of the semester) may do so by completing a withdrawal form. A notation of W will appear on the student transcript. Withdrawals during this time do not require written authorization; however, it would be prudent for the student to discuss this matter with their instructor or/and their academic advisor.

6. Forms to either drop or withdraw from a course may be found on the registrar’s website or obtained in the registrar’s Office in Willard - DiLoreto Hall, Room D 202.

7. 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 November 18th withdrawals are allowed only under extenuating circumstances, only for students who are passing the course, and require written approval of the course instructor and the department chair.

8. 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 website of the Office of Diversity and Equity.

9. You are expected to complete your academic work with integrity. If you have any questions regarding academic misconduct, please consult the Student Code of Conduct and the Academic Misconduct Policy.

10. All students are expected to demonstrate integrity in the completion of their course work. 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.

11. For further information on academic misconduct and its consequences, please consult the Student Code of Conduct and the Academic Misconduct Policy.