

MATH 272 FIRST DAY HANDOUT

COURSE TITLE: Calculus II
INSTRUCTOR: James Walters
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OFFICE HOURS: 2:00 – 2:50 T – F, 5:00 – 5:50 M
HOURS: Class Hours: 5

CFCC General Education Competencies Will Incorporate All or Some of the Following:

1. Written Communication
2. Oral Communication
3. Critical Thinking
4. Basic Computer Usage
5. Understanding Social Structure
6. Problem Solving
7. Understanding Scientific Concepts & Application

PREREQUISITES: MAT 271

TEXT: Calculus: Larson, Hostetler, Edwards. 8th ed.

COURSE DESCRIPTION: This course provides a rigorous treatment of integration and is the second calculus course in a three-course sequence. Topics include applications of definite integrals, techniques of integration, indeterminate forms, improper integrals, infinite series, conic sections, parametric equations, polar coordinates, and differential equations. Chapters 6, 7, 8, 9, 10

OBJECTIVES: Upon completion, students should be able to use integration and approximation techniques to solve application problems.

EVALUATION/ATTENDANCE: The final grading scale is as follows:

92 - 100	A
84 - 91	B
76 - 83	C
68 - 75	D
0 - 67	F

The final average will consist of tests, labs, projects, homework, and a final.

TESTS: There will be about six tests worth 100 points each. Your test average will be 50% of the final average. You may make-up one missed test only. After the first missed test, you will receive a 0 for a missed test. If a take home part is not turned in when due, or if you miss the in-class part, you will need to make-up the whole test without a separate take home part. Tests may be made up on Fridays at 2:00 PM or on the last day of class unless arrangements are made prior to the missed test. No tests will be given early. All tests need to be taken/made up before taking the final. You will need to use a Blue Book Examination Book to put your take-home test answers in. These may be purchased in the bookstore for \$.42 (\$.39 + tax) each.

LABS: There will be about 8 labs counted for a grade. No labs may be made up. The labs will be primarily done using the computer program MAPLE. Each lab is worth 20 points. The lab average will be 15% of your final average.

PROJECTS: There will be an individual project for each chapter (5 total) The individual projects will be worth 20 points each and will be a total of 10% of the final average. You will also need to use a Blue Book Examination Book (one book for all 5 projects) to put your individual projects in. Do not use the same one you used for a take-home test.

HOMEWORK: The graded homework will be done on WebAssign. The address is www.webassign.com. If you did not get an access code with your book, you will need to purchase one. To register you will need the institution code. This is *capefear.cc.nc*. You will also need the class key *capefear.cc.nc 3217 8449*. You will be allowed 5 attempts at each problem. The homework average will be 10% of the final average.

FINAL: The final will be cumulative and will count 15% of the final average. The final will be given on the last day of class.

ATTENDANCE/ MISCELLANEOUS:

- 1) Attendance is mandatory. There are no excused absences. Absences cannot be made up. Anyone having missed more than 16 hours will receive a grade of **F**. Being late by more than 15 min will count as an absence for that hour.
- 2) If you leave class early for any reason, you will be counted absent for that day.
- 3) Cell phone usage is not allowed in class for any reason. If you have a cell phone out during class or your cell phone goes off (including vibrate) during class, you may be asked to leave class. If this happens, rule 2) above applies. If this happens during a test, you may be asked to leave class and will be graded on work already done.
- 4) If you are caught cheating on any assignment, you will receive a 0 (zero) on that assignment and may receive an **F** for the course.
- 5) All grades will be posted in BlackBoard

Student Email: myCFCC is your student web portal - there you can access your class websites, email, and WebAdvisor (official academic info such as grades, transcripts, schedules, etc). Your official CFCC-provided email account is to be used for all e-mail correspondence with your instructors and CFCC staff. Some information from CFCC will ONLY be emailed to this address, and not sent through postal mail, so it is very important that you check this account. To access this account, visit the myCFCC portal - there is a link to the portal near the top of the CFCC.edu website. Login and click the Email link. Your username is part of your email address: user@mail.cfcc.edu. (Note if you've had a CFCC email address in the past, this one differs because we've changed 'email' to 'mail' in the address.) This email account is provided to you as long as you are enrolled in classes (you can take the summer off), and may be used for personal email as well as academic email. The class websites linked from the portal are automatically created for every class - it is up to the instructors to decide whether and how to use them. Even if they are not used, you can send an email to your instructor by clicking the Send Email link on your class homepage.

Disability Services: If you are a person with a disability and anticipate needing accommodations of any type in order to access or participate in this class, you must contact the Disability Support Services Office (Galehouse Bldg. room A215, 362-7012 or 362-7158), provide the necessary documentation of the disability and arrange for the appropriate authorized accommodations. All information shared with the Disability Support Services Office is protected as confidential.

Tobacco use is prohibited on all CFCC property. The first offense is a warning and the second offense may result in disciplinary action. Students will be allowed two days of excused absence each academic year for religious observances required by the faith of the student. These excused absences will be included in the twenty (20%) percent of allowable clock hour absences. Students are required to provide written notice of the request for an excused absence by completing the Religious Observance Absence form available in Student Development. The completed form must be submitted to the Vice President of Student Development or his/her designee a minimum of ten (10) school days prior to the religious observance. The Vice President of Student Development or his/her designee will notify the instructor within three (3) school days of receiving the request. Students will be given the opportunity to make up any tests or other work missed due to the excused absence and should work with their instructors in advance of the excused absence to delineate how to make up the missed coursework.

Disclaimer: Information contained in this syllabus was, to the best knowledge of the instructor, considered correct and complete when distributed for use at the beginning of the semester. The instructor reserves the right, acting within the policies and procedures of Cape Fear Community College, to make changes in course content or instructional techniques without notice or obligation.