

Call # 21073
Times: 11:00 – 12:25 MWF
Room: Ed 131

Math 211 Calculus I

Spring 2004

Instructor: Dr. Glenn Williams
Office: BAL 538, Office Hours: 1-3pm, Mon & Wed. Other times by appointment.
Phone: 683-3899
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Course <http://www.lions.odu.edu/~gwilliam/teaching/m211-s04/>
Website: The website contains general announcements, syllabus, information for labs and tests, and the website for our textbook. Students are encouraged to check it frequently.

Catalog Description: A first course in calculus and analytic geometry. Topics include differentiation and integration of algebraic and transcendental functions of one variable, and applications.

Prerequisites: MATH 162M and MATH 163

Text: Calculus, Early Transcendentals, 5th. Ed., J. Stewart, Brooks/Cole Publishers

Goals & Objectives: Math 211 systematically develops the differential calculus of functions of a single variable. Limits (Ch.2), the derivative and its properties (Chs. 2-4) are covered fully. Definite and indefinite integrals and their applications are investigated (Chs. 5-6). Integration by parts is also discussed (Sec. 7.1).

Grading Policy :
Lab Assignments 20%
Class Tests (4) 50%
Final Examination 30%
(Friday, April 30, 3:45-6:45 p.m. location to be announced)

Grading Scale: 90-100: A, 80-89: B, 70-79: C, 60-69: D, 0-59: F
+/- grades will be used for the final grade at the discretion of the instructor

Laboratory Assignments:

MATH 211 is a four credit-hour course. Three credit-hours will be dedicated to lectures, with the remaining one credit-hour devoted to computer laboratory assignments. Two contact-hours are set aside for each laboratory assignment. If more than two hours are needed to complete an assignment, the lab will be open at other times. Please consult the Open Lab Hours Schedule for a complete list of times.

Typically, you will work on the lab assignments with a partner. Only members of the team who actively participate in completing the *entire* lab assignment should type their names in the electronic document submitted to the instructor. For example, it is not acceptable for a team to split a lab assignment into two parts and for each student to work on one part only. Any violation of this rule will be considered a breach of the ODU Honor Code.

When you work on the labs with a partner, you should assist one another in both understanding and completing the lab assignments. If neither of you can come up with a solution to a problem, either math or computer related, then get help. The instructor and/or lab assistants will be available whenever the lab is open.

Lab assignments are typically given every Wednesday and are due to be completed before the lab closes on Friday (the open lab hour will be posted at the URL <http://www.math.odu.edu/lab>). They will be submitted in electronic form and returned, after grading, in the same way.

Mathcad 2001i will be used for all lab assignments. All work on the lab assignments must be done in the lab. As a result of participation in lab activities, you will be expected to acquire some proficiency in using Mathcad. In other words, **the work must be spread equally between all members of a team.**

All students enrolled in this class are required to have a working NetWare account issued by the OCCS. If you do not have such an account, you must request it immediately at the URL <http://season.odu.edu> (on the main screen select "NetWare" - this will take you to a screen where you can request a new account).

Last day to withdraw : Tuesday, March 16.

Disability Services Policy:

Reasonable accommodations will be made for students with disabilities provided those students have registered with the Office of Disability Services (683-4655).

Help Sessions:

Department of Mathematics and Statistics makes help sessions available to all Calculus I students in Ed 126. The schedule will be posted under the URL <http://www.math.odu.edu/lab> .

Honor Code:

By enrolling in this course you agree to adhere to the honor code on all written work: "I pledge to support the Honor System of Old Dominion University. I will refrain from any form of academic dishonesty or deception, such as cheating or plagiarism." I am aware that as a member of the academic community, it is my responsibility to turn in all suspected violators of the honor code.

During exams spread out as much as possible and try not to sit next to another student. The instructor reserves