Math 211: Calculus I
Spring 1999 MTR 3 p.m. - 4:50 p.m. Ed 128 Call # 28023

Instructor: Dr. Przemyslaw Bogacki

Room: BAL 535

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Office Hours: Monday 1 p.m. - 2 p.m.

Tuesday, Thursday 11 a.m. - 12 noon

Other times by appointment

Text: Calculus, 3rd. Ed., Robert A. Adams, Addison-Wesley Publishers

Grading Policy:			
	Lab Assignments	20%	Labs will start on Tue. and are due before close of lab on Fri., unless designated differently by the instructor
	Class Tests (may also include additional items as specified by the instructor)	50%	At least one week's notice will be given before each test
	Final Examination	30%	12:30 p.m. - 3:30 p.m. Friday, April 30, 1999.

Welcome to Calculus I. An integral part of this course are computer demonstrations of calculus concepts and computer assignments to be completed by you. We believe that the computer will help you gain a better understanding of Calculus, as well as make your learning of the subject more interesting.

This 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.

You will work on the lab assignments with a partner. Only members of the team who actively participate m completing the *entire* lab assignment should type their names at the end of the solution document. 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 Tuesday and are due to be completed before the lab closes on Friday of the same week. They will be submitted in electronic form and returned, after grading, in the same way.

Mathcad for Windows will be used for all lab assignments. No prior knowledge of any computer system is assumed. However, as a result of participation in course activities, you will be expected to acquire some proficiency in using Mathcad. About half way through the course, every student will *individually* complete a test of basic Mathcad skills. To receive any credit for lab assignments, you must pass the Mathcad skills test (or a re-test if necessary)

The class tests and the final exam will be "closed book, no computers". However, some of the questions will be related to topics developed in lab assignments.

MATH 211
Syllabus
CALCULUS: A complete course, 3rd. Ed. by R. A. Adams (Addison Wesley Pub.)

Chapter		Page	Problems
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1.5		p. 88	1-11(odd)
1.*Review*		p. 90	1-37(odd)
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2.*Review*		p. 150	1-31(odd), 35, 39
Chapter 3			
3.1		p. 162	1-11(odd) 15-19, 21-31(odd)
3.2		p. 167	1-15(odd), 19, 21, 25, 29, 31, 35, 37
3.3		p. 176	1-43(odd)
3.4		p. 183	1-41(odd)
3.5		p. 191	1-21(odd)
3.6		p. 198	1-17(odd), 18-22
3.*Review*		p. 199	1-11(odd)
Chapter 4			
4.1		p. 209	1-29(odd)
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4.*Review*		p. 250	1-11(odd), 18, 19-25(odd)
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5.1		p. 258	1-7
5.2		p. 263	1-51(odd), 52-55
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5.*Review*		p. 291	1-9(odd), 13-23(odd)
Chapter 6			
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6.3		p. 311	1-6, 7-15(odd)
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