Math 124
syllabus
Spring, 2007

Professor:	Matthew Neal (`nealm@denison.edu`)
Office and phone:	Olin 202 (6288)
Office Hours:	M 2:30 - 5 (some days I will be out from 3:30 to 4:30 for a department meeting-I'll let you know)
	T 8:30 - 11:30, 2:30-5 F 2:30 - 5 or by appointment
Web site:	`http://personal.denison.edu/~nealm/`

Course

This is a second course in calculus. We will study integration techniques and improper integrals(Ch 7), differential equations (Ch 9), applications of integration to physics, engineering, biology, economics, and probability (8.3-8.5), infinite sequences and series (Ch 11), vectors (12.1 - 12.4) and linear algebra (supplementary text). If time permits, we may study partial derivatives.

Audience

This course is intended for students who have successfully completed Math 123, received a 4 on their Mathematics AB exam, or a 3 on the BC exam..

Book

Stewart: Calculus:Early Transcendentals 5th edition

Grades and Expectations

The grade will be calculated with the following weights:

- 25 % for each of three tests
- 25 % Final exam

Grade Scale: 90-100 A 78-89 B 66-77 C 50-65 D 0-49 F
The final takes place in our classroom on Thursday, May 3rd, 2-4 p.m.

Tests

Tests occur every four weeks on Wednesday. The first test will occur on Wednesday, February 7th. You are responsible to understand everything said in class or written in the text for the sections covered as well as every problem assigned. Note that understand does not mean memorize and problems on the test will not be identical to homework problems.

Homework checks

I will do 2 problem quizzes each Wednesday to check that you are doing the homework. These problems will be exactly like homework problems, sometimes verbatim and sometimes with a number changed but the same wording. Each problem will receive a -2 points for a completely wrong answer, 0 points for a partial answer, and +2 for a correct answer. These points will be added or subtracted from your next test.

Late Work

Late tests will receive a 20 % point penalty per day late unless there is a written note (such as a note from Whistler) that verifies a VERY strong excuse (such as illness or important sports team events). Late homework is not accepted at all without a serious excuse as described above.

Office Hours

Please come to office hours so I can get to know you better!

Disabilities

Any student who feels he or she may need an accommodation based on the impact of a disability should contact me privately as soon as possible to discuss his or her specific needs. I rely on the Academic Support and Enrichment Center in 104 Doane to verify the need for reasonable accommodations based on documentation on file in their office.

Academic Integrity

The students and faculty of Denison University and the Department of Mathematics and Computer Science are committed to academic integrity and will not tolerate any violation of this principle. Academic honesty, the cornerstone of teaching and learning, lays the foundation for lifelong integrity.

Academic dishonesty is, in most cases, intellectual theft. It includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for evaluation. This standard applies to all work ranging from daily homework assignments to major exams. Students must clearly cite any sources consulted, not only for quoted phrases but also for ideas and information that are not common knowledge. Neither ignorance nor carelessness is an acceptable defense in cases of plagiarism. It is the students responsibility to follow the appropriate format for citations.

As is indicated in Denisons Student Handbook, available through mydenison.edu, instructors must refer every act of academic dishonesty to the Associate Provost, and violations may result in failure in the course, suspension, or expulsion. (For further information, see http://www.denison.edu/student-affairs/handbook/ar03s02s01.html)