

# MATH 124

## syllabus

Fall, 2009

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**Professor:** Matthew Neal ([nealm@denison.edu](mailto:nealm@denison.edu))  
**Office and phone:** Olin 202 (6288)  
**Office Hours:** M 1:30-3:30, R 1-4:30, F 1-4 or by appointment  
**Web site:** <http://personal.denison.edu/~nealm/>

### Course

This is a second course in calculus. We will study infinite series and sequences (10.1-10.4), Vectors and linear algebra (chapter 11), partial derivatives (chapter 13), integration techniques (selections from chapter 7), differential equations (chapter 8), and double integrals (14.1-14.5) as time permits

### 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

*Calculus: Early transcendentals Matrix version by Edwards and Penny*

### 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 Monday, May 11th, 2-4 p.m.

### Tests

Tests occur every four weeks on Friday. The first test will occur on Friday, February 13th. 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 always be identical to homework problems.

### Homework checks

I will do homework checks each Monday to check that you are doing the homework. You will have 10 minutes to write out solutions to 2 randomly selected homework problems without looking at your notes. Each homework check is worth 2 points (2 problems). These points will be added to your next test. You will have 3 quizzes for each 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 quizzes are 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.

Proposed and developed by Denison students, passed unanimously by DCGA and Denisons faculty, the Code of Academic Integrity requires that instructors notify the Associate Provost of cases of academic dishonesty, and it requires that cases be heard by the Academic Integrity Board. Further, the code makes students responsible for promoting a culture of integrity on campus and acting in instances in which integrity is violated.

For further information about the Code of Academic Integrity see <http://www.denison.edu/about/integrity.html>