

Math 222
Fall 2007

Instructor : Edward Taylor

Office : 645 Science Center

Phone : 685-2193

Email : ectaylor@wesleyan.edu

Office Hours : to be announced

Grading:

Midterm Exams(2) : 40%

Final Exam : 30%

Homework/Quizzes : 30%

Exams : There are 2 exams scheduled for during the semester, dates to be determined. The final exam is scheduled by the registrar for **Wednesday, December 19** from 9 AM - 12 PM. **The final exam date can not be changed: absence from the final exam will result in failing the course.**

Missed Exams, etc : All missed quizzes and exams will be given grades of “0”, unless there is a significant documented reason for missing the event. Students who have any documented condition that requires extra time to complete exams should notify me in the first week of class. Arrangements can be made to provide the extra time.

Honor Code : “All communities exist by virtue of some consensus on values, even though that consensus may be imprecise and unspoken. In a university, it is essential that there be not only consensus, but also universal acceptance of certain enduring and quite specific standards of academic conduct. These standards of academic conduct are distinct from the other values and expectations of the community. Because of their unique importance, they are set forth as the Honor Code, enforced by the Honor Board.”

I will not forgive violations of the Honor Code with respect to any aspect of your work in this class. As required by the Honor Code all violations will be reported. See:

<http://www.wesleyan.edu/deans/honorsystem.html>

Materials to Buy : Multivariable Calculus 6e, by James Stewart, (edition 6).

Description of Course

This course is the introduction to multivariable calculus (that is, calculus in (finite) dimensions greater than or equal to two.) The emphasis of this class will be on gaining an understanding of the techniques, versus merely using the techniques correctly (though this is important too). The goal is for students to be well prepared to enter the higher division classes offered by the Mathematics Department, as well as being prepared to enter advanced level classes in other science departments.

An alternative class is Math 221 (linear algebra) also offered this semester. Another alternative is Math 223- theoretical linear algebra- offered in the Spring semester 2006.

Weekly homework will be assigned. I can not emphasize enough the importance of working on the homework. For most people mathematics is learned only by trying: it will not be sufficient for you to come to the lectures and take copious notes. One must attempt the problems, and at least try to organize ones knowledge to the point were it is clear as to where the confusion might be.

We will discuss the procedures and grading practices in greater depth in class.

Important Dates.

1. September 4 - 17: drop-add period.
2. November 15: last day to withdraw from class.
3. December 10: classes end.
4. Our final exam is scheduled for **Wednesday, December 19 from 9 AM - 12 PM.**