

Math 253

Winter Term 2008

MUWF 8:00-8:50 AM 107 Esslinger Hall
Instructor: Ruth Vanderpool
Office Hours: UHF 9:00-9:50

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Course Description:

This course is the last in a three-part sequence designed for students in the physical and social sciences. The primary focus of the class will be an investigation of infinite sequences and series contained in chapter 11 of Stewart's text book. We will however begin the course with a brief look at some applications of math 251 and 252 involving surfaces of revolution and parametric curves.

Useful Items:

- Text: *Calculus: Early Transcendentals Single Variable, 5th Ed.* by James Stewart

Important Dates:

2/1	Midterm	1/13	Last day to drop without a W
		1/16	Last day to add a class
3/19	Final (10:15)	2/24	Last day to withdraw

Notes:

- There will be no tolerance for cheating. If caught, any and all disciplinary action will be pursued. All exams and quizzes are to be done individually unless otherwise specified. You are encouraged, however, to work together on the homework and form study groups outside of class.
- If you need any special accommodations, please let me know.
- Attendance will not be taken, but there is a well recognized strong correlation between attendance and understanding in math classes. In addition to this, material and announcements made in class will not be repeated and it will be your responsibility to locate this information if you miss or are tardy to class.
- While I have attempted to make this syllabus as complete as possible, adjustments will be made throughout the course. Announcements will be made during class and it is the responsibility of the student to keep updated if class is missed.

Homework Policy:

Homework will be assigned for each section and a period of time will be set aside for homework questions before you are expected to turn it in. When answering questions, I will work through examples much like your homework, but I will never work out the same problem. Watching others work out a problem isn't nearly as effective or as satisfying as applying the concepts yourself.

If you miss class it is your responsibility to find out what material and homework you are responsible for. Your homework is expected to be written up neatly, clearly, and completely. No partial credit is given on individual problems so be sure to make your final answer and its required supporting work, easy to find and identify.

Homework will be due at my office by 5pm (or whenever Deady's doors are locked) the class day following its assignment, but if done early you may hand it to me after class.

After receiving your corrected homework you are given one week to turn in a rewrite. Answers are marked only as right or wrong so you are responsible for finding and correcting your mistakes. I am available to help answer questions during office hours, but no additional class time will be dedicated to that homework assignment. Rewrites must be clearly marked as such and stapled on top of the original work with the section number.

Quizzes:

A quiz is given every week at the instructor's discretion. Generally you will be given 15 to 20 minutes for the quizzes at the end of class. No make up quizzes, unless previously arranged, will be given, but I will drop the lowest scoring quiz so that you have some flexibility.

Outside Resources:

Come visit me if you have questions! If you find that you cannot make my posted office hours do realize that I welcome appointments and am willing to try to work around your schedule. Peers are also an invaluable resource that I recommend you not only direct questions to, but work regularly with. If these options do not appeal to you, you are welcome to visit the Math Lab in 72 PLC that is open Monday through Friday from 9 to 4. The Academic Learning Service also has information for group and individual tutoring sessions.

Grades:

The following weights will be used to calculate your grade with the provision that the course grade cannot be more than one letter grade different from that received on the final exam.

		%	Grade
Homework	15%	100-90	A
Quizzes	20%	89-80	B
Midterms	30%	79-70	C
Final	35%	69-60	D
		59-0	F