

SYLLABUS

Math 1483 – Section 010
Mathematical Functions
MWF 2:30-3:20 p.m.
Classroom Building North, Room 203
Fall 2010

Purpose: This is a mathematics skills course intended for majors that use mathematics. The emphasis is on the study of functions, especially by graphing, and on the uses of functions in applications. Graphics calculators will be used intensively.

Instructor: David Mermin
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Office: Mathematical Sciences 516
Office hours: Tuesday 9:30 – 11:00, Wednesday 9:30 - 11:00, Thursday 1:00-3:30,
OR BY APPOINTMENT (please give me at least 12 hour notice if possible)

Office Hours: The purpose of office hours is to provide a time dedicated to helping you. You are welcome to just come by then – you don't need to make an appointment for those times.

Text and Calculator Needs: *Functions and Change: A Modeling Approach to College Algebra, 4e* by Crauder, Evans, and Noell, available at the OSU Bookstore for about \$122 new or about \$91 used. The bookstore version has a student solutions manual bound in with the text. You are expected to have a TI-83 or a TI-84 calculator.

Expectations: You are expected to attend class prepared to learn. This includes more than simply attending class and bringing your book and calculator. I expect you to come to class having reviewed the material covered in the previous class, having read the text, and having questions related to the material or the homework. This preparation for class is essential so you can learn from the class and not just passively watch.

Grading: You have the possibility of earning 700 points in the course: 100 points for each of the three midterm exams, 200 points for the final exam, and 200 points for the homework.

630-700	Guaranteed A
560-629	At least a B
490-559	At least a C
420-489	At least a D
0-419	Probable F

Homework and Attendance: There will be weekly graded homework assignments. Homework and exact due dates follow the homework schedule. Late assignments will not be accepted unless special arrangements are made. Each homework is worth 20 points. Your 10 best scores will be added together to make your homework score. Attendance is very important in this class. In order to emphasize this, you will have an attendance score. It will start at 100 and I will deduct 5 points for each absence. At the end of the semester, I will average your attendance score into your lowest exam score.

Tests: There will be three midterm exams, each worth 100 points and a comprehensive final exam worth 200 points. The dates for the exams are:

1st Midterm Exam: Friday, September 24th, during class

2nd Midterm Exam: Friday, October 29th, during class

3rd Midterm Exam: Friday, December 3rd, during class

Final Exam: Wednesday, December 15th, from 2:00-3:50 p.m., in our regular classroom

The Online Classroom: This class will be using D2L, which may be accessed at the following URL <http://oc.okstate.edu/> where you will be able to view your grades, find review materials, receive and send class e-mail and so on at that site. Login and other information are on the next page.

Make-up Exams: Make-up exams will only be given in exceptional, serious, and unavoidable circumstances; moreover you must seek approval in advance to the extent it is possible to do so.

Homework Format: To ensure that you get full credit for your homework, it needs to adhere to certain standards. Homework must be

- legible
- stapled
- written with all exercises in order
- on one side only of each sheet of paper
- complete, showing all work, not just the answers
- turned in on time
- your own work (not copied from anywhere or anyone)

MLRC: The Mathematics Learning Resources Center is on the 4th floor of the Classroom Building. It provides free tutoring and a computer lab. MLRC hours are:

Monday: Noon – 10 p.m.
Tuesday: Noon – 10 p.m.
Wednesday: Noon – 6 p.m.
Thursday: Noon – 10 p.m.
Friday: Noon – 5 p.m.

Loaner Calculators: The Mathematics Department has a limited number of graphics calculators available for loan on a first-come-first-served basis in Math Sciences room 401. Hours for checking out the calculators are 1 pm -5 pm from August 24th to 26th and 8 am – noon and 1-5 pm from August 27th onward. These calculators are due back in Math Sciences room 401 by December 20th at noon, and after this time hefty fees are levied.

Special Accommodations: If you think you have a qualified disability and need special accommodations for this class, please let me know and request verification of eligibility from the Office of Student Disability Services (315 Student Union, 744-7116).

OSU Drop Policy: The last date to drop the course with no grade and no fees is August 30th. The last date to drop the course with an automatic “W” and a 50% refund is September 3rd. The last date to drop the course with an automatic “W” is November 12th.

Syllabus Attachment: The following URL takes you to the Spring 2010 syllabus attachment which has detailed answers to many questions most often asked by students. I urge you to view and read it. <http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Fall.htm>

Academic and Personal Integrity: In all matters of academic and personal integrity, such as homework, tests, and quizzes, you are expected to ensure that work with your name on it is truly your own work. This includes homework done working with other students; your paper should ultimately be your own work. Cheating, of course, is not tolerated.