

Math 1850 Syllabus Fall 2010

Space-Time:

Lecture: 10:00 am - 10:50 am MWF, Bowman-Oddy Laboratories 1045

Recitation: Sec 5: 12:00 pm - 12:50 pm TR Rocket Hall 1562

Sec 6: 2:00 pm - 2:50 pm TR Rocket Hall 1565

Instructor: Mao-Pei Tsui

Office Hours: UH2080B M,W, F 11-12 and Friday 12-2 pm at UH2080B or make appointment

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Homepage: <http://www.math.utoledo.edu/~mtsui>

or <http://homepages.utoledo.edu/mtsui>

Text & Syllabus: *Thomas' Calculus: Early Transcendentals*,: 12th ed. by M. Weir and J. Hass, Addison-Wesley (MYMATHLAB ACCESS CODE is also required for this course. This is included in the package that you purchased in the bookstore. Used book may not include the access code.) We will cover the following topics.

Chapter 1 : Functions	Sec.1, 2, 3, 5, 6
Chapter 2: Limits and Continuity	Sec.1, 2, 4, 5, 6
Chapter 3: Differentiation	Sec.1–11
Chapter 4: Applications of Derivatives	Sec.1, 2, 3, 4, 5, 6, 8
Chapter 5: Integration	Sec.1, 2, 3, 4, 5, 6, 8

Prerequisites: Passing grade in 1340 or 1320 and 1330 or a satisfactory placement test score.

Exams: There will be three one hour in class exams and one comprehensive final exam on Friday, December 17, 2010, 8 am–10 am. No calculators with symbolic or graphing capabilities are allowed on quizzes and exams.

Homework: There are two kinds of homework. The first one is the online homework. You need to goto <http://www.coursecompass.com>. Follow the document at http://math.utoledo.edu/~mtsui/calc10f/MML_Getting_Started_FDOC.pdf to create an account using your access code. After you login, you will find your assignment. The other type of homework is the homework that you have to turn in. It can be found at <http://www.math.utoledo.edu/~mtsui/calc10f/hw.html>

Your solutions must be neat and show all work. If you do not show your work then you will not receive credit for your solution. I will drop your lowest homework score.

Quizzes: There will be weekly quizzes given during the recitation on either Tuesday or Thursday. The date of the quiz will be announced in class and posted on the homepage of the class. The material on the quiz will be drawn from the homework assignment. The time of the quizzes can be found on the web. I will drop your lowest quiz score.

Missed Quizzes and Exams: To be eligible to make up a missed quiz or test with no grade penalty, be prepared to provide compelling documentary evidence that your absence was beyond your reasonable control. (Simply being unprepared is not a legitimate excuse.) See the university's policy statement on missed classes at

http://www.utoledo.edu/facsenate/misssed_class_policy.html for more details about the kinds of excuses that may be considered legitimate. **Even if the excuse is legitimate, you must contact me and make arrangements for the makeup exam at the earliest possible date, preferably by e-mail or phone.** (If you have difficulty contacting me, leave a message and your telephone number with the department secretary at 419 530-2568 or slide it under my office door.) Excuses presented after the missed test has taken place (and particularly, those presented after the graded tests have been returned to the rest of the class) will receive especially critical scrutiny. Of course, in no case will a makeup exam be easier than the test it replaces.

Grading: The following percentages are assigned to the components of the student's grade.

Quizzes	15%		
Online homework	8%	Hand in homework	7%
Midterms	40%	Final Exam	30%

In computing the quiz grade the lowest quiz score will be dropped.

Your final grade will be determined from the distribution of total points earned, on the following scale: 90-100% earns an A; 80-89% earns a B; 70-79% earns a C; 60-69% earns a D. If you have any question about your grade at any time please speak with me.

Attendance and Classroom behavior: Attendance at lectures will not play a direct role in the final grade computation. However, attendance is considered mandatory and may be recorded periodically. It may also be a factor (though a minor one) in my decision about whether to make a "discretionary adjustment" in a grade. Unless you have cleared it with me before the lecture or have a very compelling excuse, do not come to class late or leave early and expect to be recorded as attending. Cell phone or text messaging is allowed in class.

Resources: There are resources available for students who need extra help outside of my office hours. For this courses the most reliable source of tutorial help can be found at the Mathematics Learning and Resource Center located in the basement of Carlson Library(Lower Level, Rathbun Cove B0200).

Goals: At the end of the course, students should be able to

- make calculations with agility, accuracy, intelligence and flexibility
- explain the basic concepts clearly and reason logically with them.

Expectations : To achieve these goals, students are expected to

- attend the lectures and recitation
- complete all homework assignments
- discuss mathematics with other students and the instructor

Calendar:

Last date to drop	Tuesday, September 07, 2010
Exam I	Monday, September 20, 2010, 10am-10:50am in class
Exam II	Monday, October 18, 2010, 10am-10:50am in class
Last date to withdraw	Friday, October 29, 2010
Exam III	Wednesday, November 10, 2010, 10am-10:50am in class

Final exam

Friday, December 17, 2010, 8 am – 10 am, Location: TBA