

Math 1760 Syllabus Fall 2013

Space-Time:

Lecture: 10:00 am - 10:50 am MWF, Snyder Memorial 2040

Instructor: Mao-Pei Tsui

Office Hours: UH2080B M,W, 2-4 pm and Friday 2-3 pm at UH2080B or make appointment (subject to change).

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

Text & Syllabus: *Calculus for Biology and Medicine*,: Third Edition, by Claudia Neuhauser.

We will cover the following topics.

Chapter 5 :	Antiderivatives	Sec 5.8
Chapter 6 :	Definite Integral, Fundamental Theorem Integration of simple functions	Sec 6.1, 6.2, 6.3
Chapter 7:	Substitution, Integration by Parts Partial Fractions, Improper Integrals	Sec.7.1–7.4
Chapter 8:	Differential Equations, Stability	Sec 8.1, 8.2
Chapter 12:	Counting Principles, Probability, Conditional Probability Discrete Distributions, Continuous Distributions	Sec 12.1–12.5
Chapter 9:	Vectors, Analytic Geometry	Sec 9.4

Prerequisites: Passing grade in Math 1750 or equivalent transfer credit..

Exams: There will be three one hour in class exams and one comprehensive final exam on Wednesday, December 11, 10:15am–12:15 pm. No calculators with symbolic or graphing capabilities are allowed on quizzes and exams.

Homework: Weekly homework will be collected. 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. No late homework will be accepted,

Quizzes: There will be 10 quizzes during the semester. The date of the quiz will be announced in class and posted on the homepage of the class. The first quiz is on August 26th (Monday). The material on the quiz will be mainly drawn from the homework assignment.

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/missed_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.

Attendance and Class Participation	5%		
Homework	10%	Quizzes	10%
Midterms	40%	Final Exam	35%

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. + or - will be given accordingly. If you have any question about your grade at any time please speak with me or email me.

Attendance and Classroom behavior: 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, Ipad or text messaging is not allowed in class unless you get permission from me to use it..

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, - phone 419-530-2176.).

ACADEMIC DISHONESTY: You are encouraged to discuss ideas with other students. Nonetheless, every piece of work you turn in must be your own. It will be viewed as cheating if you copy someone's work (homework or exam). Any act of academic dishonesty as defined by the University of Toledo policy on academic dishonesty (found at <http://www.utoledo.edu/dl/students/dishonesty.html> will result in an F in the course or an F on the item in question, subject to the determination of the instructor.

NON-DISCRIMINATION POLICY: The University of Toledo is committed to a policy of equal opportunity in education, affirms the values and goals of diversity.

STUDENTS WITH DISABILITIES: The University will make reasonable academic accommodations for students with documented disabilities. Students should contact the Office of Academic Access (Rocket Hall 1820; 419.530.4981; officeofacademicaccess@utoledo.edu) as soon as possible for more information and/or to initiate the process for accessing academic accommodations. For the full policy see: <http://www.utoledo.edu/success/academicaccess/sam/index.html>

STUDENT PRIVACY Federal law and university policy prohibits instructors from discussing a student's grades or class performance with anyone outside of university faculty/staff without the student's written and signed consent. This includes parents and spouses. For details, see the Confidentiality of student records (FERPA)" section of the University Policy Page at <http://www.utoledo.edu/policies/academic/undergraduate/index.html>

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	Monday, September 2, 2013
Exam I	Monday, September 20, 2013, 10am-10:50am in class
Last date to withdraw	Friday, October 25, 2013
Exam II	Monday, October 28, 2013, 10am-10:50am in class
Final exam	Wednesday, December 11, 2013, 10:15-12:15 pm in class