

Fall 2016

Math 111

4:30-5:40 MW

4:30-5:30 T

Instructor: Jeff Strick

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Office Hours: D 221 MTW: 4-4:30

or by appointment

Text: Tan, Calculus for the Managerial, Life, and Social Sciences, 10th ed.

Course Description:

MATH 111, Applied Calculus. 4cr. Calculus applied to business, economics, biology, natural resources, and social sciences. Prereq: 100 or a suitable placement score. May not take 111 for credit after successful completion of 120.

Math 111 is a one-semester terminal course designed to give a brief applied overview of differential and integral calculus for students majoring in the natural or biological sciences. It is not, and is not intended to be, the equivalent of the first semester of a full calculus sequence. Neither is it the equivalent of the pre-calculus courses pre-requisite to a full calculus sequence. Students planning on taking the full calculus sequence, beginning with math 120, should not be taking this course.

Calculator Policy: You will need to have daily access to a good quality scientific calculator for this course. Many such calculators are available for very modest cost. Although NOT required, you may use graphing calculators freely, although I will not be providing classroom instruction on their use. I reserve the privilege of designating some or all questions of an examination or quiz as “non-calculator”. When permitted, only one calculator may be used during a quiz or test. It is departmental policy that computing devices using keyboard or pen interfaces are not allowed to be used on examinations or quizzes without special permission. **The use of cell phones or any device capable of remote networking or instant messaging is expressly prohibited during taking any quiz or exam in this course.**

Course Schedule: Over the semester, you will be expected to gain understanding of mathematical concepts (function, limit, derivative, integral) from calculus and apply them to answer specific questions from various areas of natural, social and biological sciences. Critical understanding of assigned readings and assignments will be necessary in order for you to receive a satisfactory grade.

The first portion of the course includes material from Chapters 2 and 3. When these two chapters are completed, the first exam will be given.

The second portion of the course includes material from Chapter 4, and 5. When these two chapters are completed, the second exam will be given.

The last portion of the course will cover Chapter 6. This material will be part of the comprehensive final exam.

Evaluation and Grading: During the semester you will take two exams and one comprehensive final exam. I will also be giving approximately 5-8 quizzes during the semester. These quizzes will be announced at least one class day before being given. Your grade will be determined solely by your performance on the examinations and quizzes given during the semester. I do not give extra-credit problems or “retakes”. Using the total number of points accumulated your final letter grade will be awarded according to:

Evaluation: Your final course grade will be determined by the following:

- 24% for quizzes (lowest regular quiz score will be dropped) and homework
- 23% for Exam 1 (in-class on approximately Wed. Oct. 12)
- 23% for Exam 2 (in-class on approximately Wed. Nov. 16)
- 30% for the comprehensive final exam

I reserve the right to raise a student’s grade if it is my determination that numerical scores are not reflective of their actual comprehension. However, I will never give a grade lower than that determined by the stated criteria.

Attendance Policy: Any necessary modifications to the course schedule will be clearly announced. Any “make-up” examinations will not be given unless approved by me before the scheduled examination, or for validated medical or personal emergencies. If you miss a class, it is your responsibility to obtain assignments and make up material. There is no easier way to earn an unsatisfactory grade in this course than to skip class.

In any mathematics course, it is essential that YOU do problems. Most weeks I will give a list of suggested problems; your responsibility as a student is to seriously attempt to complete these problems. When you identify difficulties, it is also your responsibility to immediately seek help from your textbook and classmates, a tutor, or me.

You should be fully aware of your rights and responsibilities as a UWSP student. These are detailed in the UWSP Community Bill of Rights and Responsibilities.

<http://www.uwsp.edu/admin/stuaffairs/rights/rightsCommBillRights.pdf>

In particular, this includes the UWSP Student Academic Disciplinary Procedures.

<http://www.uwsp.edu/admin/stuaffairs/rights/rightsChap14.pdf>

Information concerning accommodations made as per Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at:

<http://www.uwsp.edu/admin/stuaffairs/rights/rightsADAPolicyInfo.pdf>

To request any accommodations of this type, relevant to this class, you should discuss the matter with

the Disability Services Office. Contact information may be found at

<http://www.uwsp.edu/special/disability/>