

Fall 2017

Math 109

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: *College Mathematics for Business, Economics, Life Sciences, and Social Sciences*, 12th Ed, by Barnett, Ziegler, & Byleen (Prentice Hall), topics from Chapters 1 – 5 & 10 – 12.

Course Goals: To solve and to develop problem-solving approaches to questions involving finance, systems of linear equations with matrices, basic linear programming, exponential growth and decay, and differential calculus. To understand basic concepts of differential calculus and optimization. To develop quantitative reasoning and communication skills.

Prerequisites: Math 100 or Math 107 or a suitable placement test score.

Calculator Policy: A scientific calculator or a graphing calculator is required and should be brought to class daily. I recommend a graphing calculator like the TI-83 or TI-84. You may not share resources during exams and quizzes. Computers, phones, smartwatches, calculators with a “QWERTY” keyboard, and any device with internet access are not allowed during exams or quizzes. They must be stowed out of sight, set to a silent mode, and not used at these times.

Course Schedule: Approximately 5-8 quizzes and three exams are in the approximate schedule. The **exam dates are set**, so please mark them in your calendar. Exam 1 will be on Wednesday October 11 and Exam 2 will be on Wednesday November 15. The lowest one of the quiz grades will be dropped at the end of the semester.

Almost every day, a list of **homework** problems will be given in class. Each of these will be a *minimal* list of problems which you need to understand in order to do well in this course. Homework is extremely important, so make sure you stay on top of it and ask questions on whatever you don't understand.

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. 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

23% for Exam 1

23% for Exam 2

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/>