

# MATH 109

Mathematics for the Social and Management Sciences      Spring 2017

Sec 1: MTWR      2:00 - 2:50      SCI A225

**Instructor:** Dr. Susan Talarico

**Office:** SCI B127

**Phone:** 346-4976

**Email:** stalaric@uwsp.edu

**Office Hours:** T 12:00 – 12:50

W 11:00 – 11:50

R 1:00 – 1:50

\*or by appointment

**Text:** College Mathematics, 12th ed., by Barnett, Ziegler & Byleen, (Prentice Hall)

**Prerequisite:** Math 100 or a suitable placement score.

**Calculator:** A scientific calculator is required for this course. A graphing calculator may be helpful, but is not necessary. Bring your calculator to class daily. You may not share a calculator on a quiz or exam. You may not use a cell phone, smartwatch, or any computing device capable of remote transmission on a quiz or exam. In fact, you must stow your smartwatch away in your backpack during any quiz or exam.

**Course Objectives:** In this course, you will learn systems of linear equations, matrices, linear programming, exponential growth and decay, mathematics of finance, and differential calculus.

**Course Outline:** selected topics from the following:

Chapter 2: Functions

Chapter 10: Limits and the Derivative

Chapter 11: Additional Derivative Topics

Chapter 12: Graphing and Optimization

Chapter 3: Mathematics of Finance

Chapter 4: Systems of Linear Equations; Matrices

Chapter 5: Linear Inequalities and Linear Programming

**Attendance Policy:** Attendance is expected at each class period. It is your responsibility to obtain notes and information from missed class time. Any arrangements for make-up quizzes or exams must be made before the scheduled quiz or exam time.

**Evaluation:** There will be a total of 600 pts. for the semester.

**Exams:** There will be 3 exams, each worth 100 points. (300 out of 600 pts.)

Exam dates: (tentative)

Thursday, February 23

Thursday, March 30

Thursday, May 4

Make-up exams will be available only in very special cases and will be handled on an individual basis. Arrangements in such cases must be made prior to the examination.

**Quizzes:** There will be 11 quizzes given (on Thursdays), each worth 10 pts. (100 out of 600 pts.). The 10 highest scores will be used for grading purposes. Quiz 1 will be on February 2nd.

**Homework:** Homework problems will be given for each section covered. Although it will not be collected and graded, it is essential for your understanding that you do at least what is assigned. Your success in learning the material presented requires that you complete each assignment and do not fall behind. We will use class time to go over some of the questions that you have regarding the assignments.

**Final Exam:** The final exam is comprehensive and will be worth 200 pts. (200 out of 600 pts.)

Exam time: Tuesday, May 16, 12:30 - 2:30

**NOTE:** You may not leave the classroom while taking a quiz or exam, including the final exam.

**Grading Scale:**

Course letter grades will be based on the scale below, with + and - marks within each range. I may adjust this scale downward if the class average warrants. I may use discretion to raise a student's final course grade if her/his final grade does not reflect the quality of her/his course work (for example, a low exam score early in the course). I will not, however, use such discretion to lower a student's grade.

- A: 90 - 100
- B: 80 - 89
- C: 70 - 79
- D: 60 - 69
- F: below 60

**Math Help Room:** The Math Help Room is a math tutoring lab located in SCI A113A. It is staffed by students (primarily math majors) prepared to help you with your math questions. It is free of charge and you need not make an appointment.  
HOURS: M-R 9-4 and 7-9 p.m.

**Rights & Responsibilities:** You are expected to be fully aware of your rights and responsibilities as a UWSP student.

*In accordance with UW system policies, Math 109 is dedicated to a safe, supportive and non-discriminatory environment for all persons regardless of age, race, religion, gender, sexual orientation or disability.*

**Relevant websites:**

UWSP Community Bill of Rights and Responsibilities:  
<http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>

In particular, this includes the UWSP Student Academic Disciplinary Procedures:  
<http://www.uwsp.edu/dos/Pages/Academic-Misconduct.aspx>

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/disability/Pages/legalInformation/index.aspx>

In particular, to request any accommodations of this type, relevant to this class, please discuss the matter with the Disability Services Office. Information and contact information may be found at:  
<http://www.uwsp.edu/disability/Pages/testingAccommodations/default.aspx>

