Mathematics for the Social and Management Sciences

Professor: Dr. Nathan Wodarz
Email: nwodarz@uwsp.edu
Office: SCI B335
Phone: 346-3968

Class Meetings

Section 2: M T W R 9:00 – 9:50 AM (CCC 111)
Section 5: M T W R 1:00 – 1:50 PM (Sci A210)
Office Hours: M T W R 2:00 – 2:50 PM (or by appointment)

Final Exams

Section 2: Thurs. Dec. 18th, 10:15 AM – 12:15 PM
Section 5: Thurs. Dec. 18th, 12:30 – 2:30 PM

Class Webpage

http://www.uwsp.edu/math/nwodarz/Math109.htm
D2L: https://uwsp.courses.wisconsin.edu

Textbook


Prerequisites

Math 100 or suitable placement score

Calculators and Computers

A scientific calculator will be necessary for this course in order to complete homework assignments and exams. Please be sure to bring one to class regularly. You will be responsible for knowing how to properly use your calculator. You are not required to have a graphing calculator, although most graphing calculators will be allowed. Calculators with QWERTY-style keyboards, such as the TI-92, and calculators with symbolic capabilities, such as the TI-89, will not be allowed without special permission.
Course Objectives

The main purpose of any mathematics course is to help develop the student’s analytical and critical
thinking skills. We will do this through the following means.

– Using the language and notation of functions.
– Using functions to model real-world situations.
– Solving models to obtain solutions to real-world situations.

Course Topics

We will cover as much of Chapters 1 through 5 and Chapters 10 through 12 as time permits. The
topics covered in these chapters include

– Linear Equations and Graphs
– Functions and Graphs
– Mathematics of Finance
– Systems of Linear Equations; Matrices
– Linear Inequalities and Linear Programming
– Limits and the Derivative
– Additional Derivative Topics
– Graphing and Optimization

Assistance

Don’t be afraid to ask for help. There are many ways in which you can receive assistance for this
course, here are a few: ask a question in class, ask me during office hours, ask me in an email, go to
the Math Room (SCI A113A), or go to the Tutoring and Learning Center (below the library). Hours
for the Math Room will be announced within the first two weeks of class.

Disability Accommodations

Reasonable accommodations are available for students who have a documented disability. Please notify
me during the first week of class of any accommodations needed for the course. All accommodations
must be approved through Disability Services, located at 103 Student Services Center or online at
http://www.uwsp.edu/special/disability/

Academic Misconduct

We will adhere to UWSP’s academic standards. These can be found at http://www.uwsp.edu/admin/
stuaffairs/rights/rightsChap14.pdf

Academic misconduct includes, but is not limited to, such activities as cheating on a test, working
with others when forbidden, or copying another student’s work.

Any academic misconduct will be met with disciplinary action. These are spelled out in the document
at the above address. Potential disciplinary action may range from a warning to expulsion from the
university, as appropriate.

Students’ Rights

As students, you have a number of rights and responsibilities. Be sure to read the Community Bill of
Rights, found at http://www.uwsp.edu/admin/stuaffairs/rightsResponsibilities.aspx
Attendance and Make-up Work

You are expected to attend class daily. Attendance will not be formally recorded or graded, but I will often make note of students who miss class. You are responsible for the content of any announcement made in class, regardless of whether you were present.

A portion of the class grade will be based on in-class participation. You will not receive any points on days missed.

If you know in advance that you must miss a quiz or exam, you must contact me at least two class periods in advance.

If you miss a quiz or exam due to illness or a death in the family, you must contact me as early as possible, but no later than the scheduled start of class. You should expect to provide valid documentation. Failure to meet these guidelines will result in loss of opportunity to make-up the work.

Under no circumstances will make-up homework be allowed.

If you can’t reach your instructors in an emergency, visit the Student Academic Advising Center, SSC 103, or call them at 715-346-3361.

Clickers

This class uses clickers to do interactive polling. You are required to lease a clicker for $8 for the semester. This semester lease fee will be automatically added to your UWSP student bill.

You will need your UWSP Student ID to lease a clicker.

Clickers are available through:

– UWSP’s Help Desk, located in the basement of the LRC, room 023. For hours: http://www.uwsp.edu/IT/helpdesk/index.aspx


Your clicker may be used in any class that requires clickers for the semester.

Returning clickers: Clickers must be returned to one of these areas before the end of finals. Students with unreturned clickers will receive an additional $39 billed to their UWSP account.
Grading

The grade will be determined by the following items:

- **Homework Sets (30%)** Homework will be given for each section covered. This will be done on WeBWorK, online at [http://hosted2.webwork.rochester.edu/webwork2/UWSP_math109](http://hosted2.webwork.rochester.edu/webwork2/UWSP_math109) (there will be a link on the course web page).

- **Exams (40%)** We will have 5 exams this term, which will be held approximately every third week. The dates of the exams are
  - Thurs. Sept. 25th
  - Thurs. Oct. 9th
  - Thurs. Oct. 30th
  - Thurs. Nov. 20th
  - Thurs. Dec. 18th (Final Exam)

Exams will be weighted equally, and your exam score will consist of your 4 best individual exam scores.

- **Quizzes (24%)** Starting on Thurs. Sep. 11, there will be a quiz almost every Thursday, unless an exam is already scheduled for that day. Quizzes will be approximately 10-15 minutes, and will be given at the end of class. Your quiz score will consist of your 6 best individual quiz scores.

- **Class Participation (6%)** You will be expected to work the clicker problems in class. You will receive 3 points for every correct answer and 2 points for every incorrect attempted answer.

Grading Lines

The percentages listed below will guarantee at least the indicated grade. I will examine every student’s grade at the end of the semester and may raise individual grades in some circumstances, although I will never lower one. Under no circumstances will I raise a grade at a student’s request, outside of correcting misrecorded scores.

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