

Office: Science B152
Web site: www.uwsp.edu
email: gadams@uwsp.edu
phone: 715-218-5500

Mathematics 109, sec 04: Mathematics for the Social and Management Sciences
Prereq: Math 100 or suitable placement score
Text: Mathematical Applications For the Management, Life, and Social Sciences, 12th ed.
+WebAssign
ISBN: 13337625345
Final Exam: Monday, May 14, 7:15-9:15pm, SCI A210

Course Description:

MATH 109. Mathematics for the Social and Management Sciences. 4 cr. Systems of linear equations, matrices, linear programming, exponential growth and decay, mathematics of finance, differential calculus with emphasis on applications.

MoWed 6:00PM - 7:50PM

Science Building (SCI) A210

George Adams

01/22/2018 – 05/14/2018

Office Hours:

5:30-5:50pm SCI A210, prior to class
7:45-8:15pm SCI A210, after class
By arrangement

Help: Everyone needs help at some point! The key is to get it right away!

- ask questions in class
- ask questions during office hours
- communicate via email
- use the TLC Drop In (DUC 205), Math Room SCI A113A, or schedule individual tutoring (TLC 018)

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 found at

<http://www.uwsp.edu/stuaffairs/assessment/Pages/deptAssessment/rightsRespons.aspx> .

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

and to the Non-Academic Standards and Disciplinary Procedures.

<http://www.uwsp.edu/dos/Pages/Information%20for%20Students.aspx>.

Information regarding Section 504 of the Rehabilitation Act or the Americans with Disabilities Act can be found at the UWSP Disability and Assistive Technology Center site. To request any accommodations relevant to this class, you should first discuss the matter first with the staff at the Center.

<http://www.uwsp.edu/disability/Pages/toQualifyForDisabilityServices.aspx> .

Attendance: You are expected to attend every class. If you are absent for a legitimate reason, please contact me as soon as possible at: gadams@uwsp.edu .

Arrange for someone to take notes for you if you miss class.

Late work and make up quizzes/exams will only be allowed in exceptional and prearranged circumstances.

Grading: 90% = A, 80% = B, 70% = C, 60% = D

There are:

Homework (14%)

11 Quizzes (14%)

3 Exams (14% each)

1 Final Exam (30%)

Homework: All HW will be completed using webassign and must be completed by the assigned due date.

Quizzes and Exams may be completed through webassign or may be written out in class.

Calculators Recommended: TI - 30 - XS Multiview, TI - 30 - XIIS, TI 84+ Silver, or appropriate app. In general, non-algebra system, two line display calculators are recommended and encouraged on most activities. Wireless transmission devices are not allowed on any exams. i.e. you can't use your phone, ipad, or computer on an exam.

"In any moment of decision, the best thing you can do is the right thing, the next best thing is the wrong thing, and the worst thing you can do is nothing"

- Theodore Roosevelt

Math 109, Section 04, MW 6-7:50pm, Note: There is a Quiz or Exam **every Wednesday**

Week	Dates	Book	Topic
1	1/22-1/24	Chapter 0	Algebra Review
2	1/29-2/1	Chapter 1.1-1.4, Ch. 2.1-2.4 Quiz	Functions and Linear/Quadratic Functions
3	2/5-2/8	Chapter 9.1-9.3; Quiz	Limits, Continuity, and Derivatives
4	2/12-2/15	Chapter 9.4-9.6, Quiz	Power, Product, and Quotient Rules
5	2/19-2/22	Review, Exam 1	
6	2/26-3/1	Chapter 5.1-5.2, , Quiz	Exponential and Logarithmic Functions
7	3/5-3/8	Ch. 11.1-11.2, Ch. 9.9, Quiz	Derivatives of Exponential and Logarithmic Functions
8	3/12-3/15	Ch. 10.1-10.3, Quiz	Curve Sketching, Extrema, and Optimization
9	3/19-3/22	Ch. 10.4, Exam 2	More Applications
10	3/26-3/29	SPRING BREAK	Sun/Surf
11	4/2-4/5	Ch. 6.1-6.5, Quiz	Geometric Sequences, Annuities, and Amortization
12	4/9-4/12	Chapter 1.5, Chapter 3.1-3.2, Quiz	Matrices and Multiplication
13	4/16-4/19	Chapter 3.3-3.5, Quiz	Gauss-Jordan and Matrix Applications
14	4/23-4/26	Chapter 4.1-4.2, Quiz	Linear Programming
15	4/30-5/3	Chapter 4.3-4.5, Quiz	Simplex Method
16	5/7-5/10	Review	
Exam	May 14	7:15-9:15, Science Bldg, SCI A210	

