

MATH 118

Precalculus Algebra

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Professor, Department of Mathematical Sciences

- Ph.D. in Probability, Univ. Cincinnati, OH
- M.Sc. in Statistics, Univ. Illinois, Champaign, IL

Research and Teaching:

Probability, Stochastic Processes, and Math Statistics

- Teaching at UWSP since 2002
- Personal Background
 - ✓ Born and grew up in Mongolia
 - ✓ 4 years in Budapest, Hungary and 25 years in USA

Course Goal

- Learning and understanding basics and fundamentals of functions and its applications
 - ✓ Functions and Its Properties
 - ✓ Applications of Functions
 - ✓ Conic Sections
 - ✓ Sequences

- Most sections of CHAPTERS 2- 4 AND 10 -12 of the textbook. See the *Course Outline* for more details

Prerequisites

MATH 107 or a suitable placement test.

→ Basic Algebraic Skills

- ✓ Algebraic Operations
- ✓ Basic Notations
- ✓ Simplifying
- ✓ Solving Equations and Inequalities

 **THINKING IS REQUIRED!**

Course Grade

3 TESTS	60% (each test 20%)
HW	15%
FINAL EXAM	25%

You will be graded on

- ✓ understanding the concept
- ✓ correctness of the method and formula
- ✓ Accuracy, completeness, and proper notation



CONSIDER EVERY SINGLE TEST AND HW SERIOUSLY!!!
IT IS A PART OF YOUR COURSE GRADE!!!

Letter Grades

😊 93% ≤ **A** < 100%

😊 90% ≤ **A-** < 93%

😊 77% ≤ **C+** < 80%

😊 73% ≤ **C** < 77%

😊 70% ≤ **C-** < 73%

😊 87% ≤ **B+** < 90%

😊 83% ≤ **B** < 87%

😊 80% ≤ **B-** < 83%

😞 65% ≤ **D+** < 70%

😞 60% ≤ **D** < 65%

💣 **F** < 60%

FAQ

- **Is there anything for extra credit?**

Absolutely NONE. Consider each test and hw seriously.

- **Is there any review class?**

No. You review first and ask questions if any.

Homework

- ✓ Homework will be collected and graded. It is an essential part of this course.
- ✓ Submit it in CANVAS as a single PDF file.
- ✓ Late homework will not be collected or graded regardless of the reason.
- ✓ Three homework with lowest percent will be dropped.
- ✓ It is highly recommended to read the examples in the textbook.

Test → 3 online tests

ABSOLUTELY NO MAKE-UP test, unless it is noticed in advance.

✓ If there is an unavoidable reason (emergency case) to miss the test, call me and leave a message, and document your absence.



CONSIDER EACH TEST SERIOUSLY AND BE PREPARED AND IT IS A PART OF YOUR COURSE GRADE.



Lecture

- ✓ Lectures will be recorded and posted in CANVAS.
- ✓ Because of technical issues, it is possible that class video can't be posted on the same day

Final Exam [Online]

8:00AM - 10:00AM, WEDNESDAY, MAY 19

- ✓ The final exam will be comprehensive.
- ✓ Details will be given by the end of the semester

Calculator

- A scientific calculator will be necessary in this course. (make it has trig functions)
- You may use a graphing calculator such as TI-83, if you already have one.
- Any type of computers, softwares, phones, and calculators with “QERTY” keyboard such as TI-89, TI-92, and TI-Nspire CAS are **NOT allowed**.

Communication

- ☑ Text me or call at my cellphone (715) 252 6635.
- ☑ Email hurlee@uwsp.edu
- ☑ Please put your name and class number when you email or text me.



Class Webpage

CANVAS.UWSP.EDU

- ✓ Syllabus
- ✓ Class video
- ✓ Course Outline

TUTORING SERVICES

The *Tutoring and Learning Center* (TLC): <http://www.uwsp.edu/tlc/>

DISABILITIES

If special accommodations are required for exams, you need to contact the Disability & Assistive Technology Center (DATC) datctr@uwsp.edu

DATC website: <https://www.uwsp.edu/datc/Pages/default.aspx>

RIGHTS AND RESPONSIBILITIES

Student Academic Standards and Disciplinary Procedures, UWS/UWSP

Chapter 14: <https://www.uwsp.edu/dos/Documents/UWS%2014-1.pdf>

THE GENERAL RIGHTS AND RESPONSIBILITIES:

<https://www.uwsp.edu/stuhealth/Pages/Patient%20Information/Rights-Responsibilities.aspx>