

Math 107 – Algebra for Precalculus, Section 01

Mo, Tu, We, 10:00 – 10:50 am, SCI A225

**plus one virtual, asynchronous class session per week*

<u>Professor Information</u>	<u>Drop-In-For-Help Hours</u>
Mick Veum Point Campus Office: SCI D351 Wausau Campus Office: Room 087A mveum@uwsp.edu	<p>Mo, Tu: In-Person Option 12:00-12:25 pm, SCI D351 (Point) Zoom Option 12:25-12:50 pm</p> <p>Th: In-Person Option 12:00-12:25 pm, 087A (Wausau) Zoom Option 12:25-12:50 pm</p> <p><i>Feel free to email me to schedule an appointment at a different time if these do not work. Please also note that the 12:00 pm time slot will be available on certain Wednesdays when I have no department meetings. I will keep you informed week to week on that.</i></p>

Math 107 Algebra for Pre-Calculus: 2 cr.

Factoring and simplifying rational expressions, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs. Prereq: Math 95 or suitable placement test score.

Text: Elementary & Intermediate Algebra, 5th Ed., by Alan S. Tussy and R. David Gustafson, customized for UWSP.

Attendance: Regular participation is expected. Actively engaging yourself in the class is your best bet for doing well. Missing class regularly is a good bet for struggling in the class. Attendance to exams is required. Absences for serious illness, family emergencies, or University sponsored activities may be excused provided you adequately notify the instructor by e-mail prior to the intended absence or provide documentation of an emergency.

Late exams will not be given without extenuating circumstances.

Calculators: You may use any four-function, scientific, or graphing calculator, except: calculators including pocket organizers, handheld or laptop computers, electronic writing pads, pen-input devices or *calculators built into cellular phones or other wireless communication devices*, calculators with a typewriter keypad with keys in QWERTY format, calculators with built-in computer algebra systems. Prohibited calculators in this category include: Casio: Algebra fx 2.0, ClassPad 300, and all model numbers that begin with CFX-9970G; Texas Instruments: All model numbers that begin with TI-89 or TI-92; Hewlett-Packard: hp 48GII and all model numbers that begin with hp 40G or hp 49G.

Homework: Homework is assigned approximately once per week and will consist primarily of problems from the text. Homework will be submitted on Canvas. Your assignments will be graded based upon the effort you show, meaning that you need to show your work to get full credit. I will be looking for effort, not perfection. Strive for both, but a correct answer without supporting work will be worth little if any credit. If assignments are late due to an excused absence, penalties will be waived if reasonable and timely communication is received by the instructor.

Late penalties for homework assignments:

Homework assignments may be submitted late with a 25% reduction for each day that the assignment is late. Please note that this means the assignment is effectively closed after four days. Working regularly on your homework is your best bet to do well in the course. Don't wait until the last minute to start working on your assignments.

Exams: There will be three 50-minute exams and a cumulative final. The third exam will be taken during the final exam period. The cumulative final will only cover material from the first two exams. Each of these exams is weighted equally in your final semester grade. More detailed information on exams will be provided during the semester. Mid-term exams are tentatively scheduled for Mondays. See page 3 of the syllabus.

Grading: Grades will be based on the following percentages:

Homework: 30%	Exams: 70%	93 - 100%	A	77 - 79.99	C+
		90 - 92.99	A-	73 - 76.99 %	C
		87 - 89.99	B+	70 - 72.99	C-
		83 - 86.99	B	65 - 69.99	D
		80 - 82.99	B-	0 - 64.99	F

The instructor reserves the right to exercise discretion in raising a student's grade if they feel that the final weighted average does not properly reflect the quality of a student's work. The instructor will not use discretionary judgments to lower a student's final grade.

UWSP E-mail & Canvas: All of these resources will be used for communication between the instructor and students. Students will be responsible (i.e. required, expected) for reading all messages and assignments posted on any of the above and in lecture.

Incompletes: A grade of incomplete may be given when circumstances arise which are beyond the student's control and the student is unable to complete the course AND the student is passing when the circumstances arise.

General Course Policies

1. Exams **MUST** be **ONLY** your own work. You are encouraged to work together or ask for assistance on homework (unless otherwise specified), but **it is your responsibility to understand and learn the content.**
2. As stated above, homework assignments may be submitted late with a 25%-per-day reduction in points awarded. There will be no extensions on any exams without valid extenuating circumstances.
3. Appeal of grading should be submitted in writing within 5 days of receiving the evaluation.

Disability Accommodations: 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 <http://www.uwsp.edu/disability>. To request any accommodations relevant to this class, please discuss the matter with the staff at the Center and communicate with the instructor for proper accommodations. If your accommodations are sent to the instructor via email, please take time to discuss them in person as well.

Community Bill of Rights and Responsibilities: You should be fully aware of your rights and responsibilities as a UWSP student. These are detailed in the UWSP Community Rights and Responsibilities found at <http://www.uwsp.edu/dos/Documents/CommunityRights.pdf>.

Title IX makes it clear that violence and harassment based on gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources at <http://www.uwsp.edu/DOS/sexualassault/Pages/default.aspx>.

Tentative Schedule—Math 107-01 Spring 2024

Week	Textbook Sections/Lecture Topics
Mar 25 - 29 (Week 1)	Course Introduction 8.2 Functions 8.3 Graphs of Functions 8.4 Solving Compound Inequalities
April 1 - 5 (Week 2)	8.5 Solving Absolute Value Equations 6.1 Greatest Common Factor; Factoring by Grouping 8.6 Review of Factoring Methods: GCF, Grouping, Trinomials 8.7 Review of Factoring Methods: The Difference of Two Squares; The Sum & Difference of Two Cubes
April 8 - 12 (Week 3)	EXAM 1 (Monday) 5.1 Rules for Exponents 5.2 Zero and Negative Exponents 9.2 Rational Exponents
April 15-19 (Week 4)	7.1 Simplifying Rational Expressions 7.2 Multiplying and Dividing Rational Expressions 7.3 Adding and Subtracting with Like Denominators; Least Common Denominators
April 22 - 26 (Week 5)	7.4 Adding and Subtracting with Unlike Denominators 7.5 Simplifying Complex Fractions 7.6 Solving Rational Equations
Apr 29 – May 3 (Week 6)	EXAM 2 (Monday) 11.1 Algebra and Composition of Functions 11.2 Inverse Functions 11.3 Exponential Functions 11.4 Logarithmic Functions
May 6 - 10 (Week 7)	11.5 Base- e Exponential and Logarithmic Functions 11.6 Properties of Logarithms 11.7 Exponential and Logarithmic Equations
May 13 - 17 (Finals Week)	EXAM 3 + CUMULATIVE FINAL ON EXAMS 1 & 2 FINAL EXAM TIME (Monday, May 13) 5:00-7:00 p.m. (A208 SCI)