

Math 95 Syllabus

Intermediate Algebra

Spring 2023
2 credits

Associate Lecturer Lisa Kennedy Office: D221 Science Building Phone: 715-346-2120 Email: lkennedy@uwsp.edu	Office Hours Wednesday 12:00-12:50pm Wausau/Marshfield Campus Tuesday & Thursday 1:00-1:50pm Stevens Point Campus Office Science Building D221 Or send an email to schedule an appointment at a different time.	Class Schedule - 8 week course Course Timeframe: January 23 - March 16 Monday, Tuesday, Wednesday, Thursday 2:00-2:50 pm Section 01 Science Building A207 3:00-3:50 pm Section 05 Science Building A213 Final Exam Date & Time <table><tr><td>3/16/2023</td><td>5:00PM -</td><td>Science Building (SCI)</td></tr><tr><td>Thursday</td><td>7:00PM</td><td>D102</td></tr></table>	3/16/2023	5:00PM -	Science Building (SCI)	Thursday	7:00PM	D102
3/16/2023	5:00PM -	Science Building (SCI)						
Thursday	7:00PM	D102						

Prerequisite:

Math 90 or suitable placement test score.

Text (rental):

Elementary & Intermediate Algebra, 5th edition
by Alan S. Tussy & R. David Gustafson (Published by Cengage),
customized for UWSP, ISBN: 978-1-111-56768-2

Calculator:

A scientific calculator is required for this course
Computers, cell phones, SMART watches, iPads or other tablets, and calculators with a "QWERTY" keyboard or built-in computer algebra systems are not allowed.

Tentative Exam Dates:

1. Exam Module 1 Solving Quadratics & Simplification (Wednesday, Feb 8)
2. EXAM 2 Module 2 Radical expression & Equations (Thursday, Feb 23)
3. EXAM 3 Advanced Quadratic Solving (Thursday, Mar 9)

4. 3/16/2023 Thursday	5:00PM - 7:00PM	Science Building (SCI) D102
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Tutoring:

The STEM Tutoring Program offers FREE tutoring to support you in your STEM classes. The tutors are UWSP students who have done well in their classes and who are here to share their successful study habits and content knowledge to help others succeed. Discussing concepts and practicing problems together clarifies and solidifies knowledge, and the tutors are eager to study with you.
If you have questions about the schedules or would like to make an appointment, please visit CCC 234, email tlctutor@uwsp.edu or call (715) 346-3568.

MathPad:

The MathPad is a FREE tutoring service and computer lab located in CCC 302 dedicated to working with students in MATH 90, 95, and 107. For details and schedule please see:
<https://www3.uwsp.edu/mathsci/Pages/tutoring.aspx>

Course Communication:

Announcements, homework assignments, grade information, and other course information will be update in Canvas. To access Canvas, go to <https://www.uwsp.edu>, choose Canvas from the “Logins” dropdown menu, and use your regular campus login ID and password.

- Email is an excellent way to contact me (lkennedy@uwsp.edu).
- I will send the class **emails using your UWSP address**. Please check your email daily.

Attendance Policy:

Attendance is expected at **every** class meeting. It is socially responsible to take extra care to not spread germs. If you have a fever or are concerned based on symptoms like coughing/sneezing, please stay home. Email when the decision is made. It is the student’s responsibility to make prompt arrangements for finding out what was missed and for making up any assigned work in the case of an absence. I recommend exchanging contact information with another student in this specific section of Math 95. Canvas is a great resource at these times.

Electronics:

Cell phones should be silenced and **put away** once class begins. I understand that occasionally a need to check your phone may arise. Otherwise, please put these devices away. Earphones/earbuds may not be used during class, quizzes, or exams. Cell phones and smart watches **MUST** be silenced and stowed in a backpack during quizzes and exams.

Available Support:

1. Ask questions as they arise. Come to see me before or after class, stop by during my office hours, or schedule an appointment with me for another time. It my goal for all students to learn and build confidence in mathematics. I am committed to helping each student. I believe experience and exposure are the necessary components needed to achieve success in mathematics.
2. Talk with classmates about math. Communication helps to identify the questions needed to be asked and can solidify understanding of the concepts.

Course Grade:

Course Grades (%) at or above	93	90	87	83	80	77	73	70	67	60
will receive at least a grade of	A	A -	B +	B	B -	C +	C	C -	D +	D

- 10% Homework
- 20 % Quizzes
- 50 % Exams
- 20% Comprehensive Final Exam

(Note: There is no such grade as a D- at this university)

I reserve the right to exercise discretion in raising a student’s grade if the final weighted average does not appear to reflect the quality of a student’s work (for example, because of low performance one week due to illness). I will not use discretionary judgments to lower a student’s final grade.

10% Homework:

Each class period, a list of homework problems will be assigned from the textbook or online. This will be a minimal list of problems needed to understand the content to do well in this course. Completing the homework is extremely important. Plan to work on math everyday after class. The problems assigned will be odd. Students are expected to complete all problems, check the answers from the text, and ask questions during class or office hours on problems that were incorrect. The textbook assignments will be turned in and scored on the day of the quiz/exam. Late submission of assignments is docked 10% per day, zero points after 1 week.

20% Quizzes:

Quizzes will be given every week. They are short and are intended to be a quick check for understanding. The goal is for the quiz to take between 5-10 minutes. Quizzes need to earn 70% grade, or they need to be retaken.

50% Exams:

There will be **TWO** Unit Exams and the final exam. Must be taken **in class on the day scheduled**. Missing quizzes/exams will result in a **zero**, unless an accommodation is deemed appropriate.

20% Final Exam:

The final exam will be cumulative and cover all the content, taught in the Math 95 course.

Quizzes and exams may ONLY be made up in special circumstances:

- If a medical emergency occurs, contact the Dean of Students or the Disability Resource Center as soon as possible (* contact info. below *). Then we can see if an exception is in order.
- If unforeseen circumstances prevent you from being present in class. Email immediately. If the exam/quiz cannot be taken prior to the absence, an **alternate version** may be given.
- If a conflict will prevent you from taking a quiz or exam on the designated date/time, contact me as soon as possible to find out if it is possible to take the quiz/exam **EARLY** with the instructor.

Tentative Schedule Math 95 Spring 2023

Some Lessons were introduced in Math 90.

Math 95 will deepen your understanding of those topics.

Week			Topic
1	January 23	M	Course Introduction 5.1 Rules for exponents
		T	5.2 Zero and Negative Exponents
		W	8.2 Functions
		TH	Review – Quiz
2	January 30	M	8.6 Factoring methods
		T	8.7 Review of factoring methods
		W	6.6 A factoring strategy
		TH	Review – Quiz
3	February 6	M	6.7 Solving quadratic equations by factoring
		T	Review for Exam
		W	Exam Module 1 Solving Quadratics & Simplification (Wednesday, Feb 8)
		TH	9.1 Radical expressions and radical functions

4	February 13	M	9.1 Radical expressions and radical functions (continued)		
		T	9.2 Rational exponents		
		W	9.3 Simplifying and combining radical expressions		
		TH	<i>Review Quiz</i>		
5	February 20	M	9.4 Multiplying and dividing radical expressions		
		T	9.5 Solving radical equations		
		W	Review for Exam		
		TH	EXAM 2 Module 2 Radical expression & Equations (Thursday, Feb 23)		
6	February 27	M	9.6 Geometric applications of radicals		
		T	10.1 The square root property and completing the square		
		W	10.1 Continued Review & Quiz		
		TH	10.2 The quadratic formula		
7	March 6	M	10.3 The discriminant		
		T	10.3 The discriminant continued Review & Quiz		
		W	Review for Exam		
		TH	EXAM 3 Advanced Quadratic Solving (Thursday, Mar 9)		
8	March 13	M	Review - Final will cover all content taught in course		
		T	Review for Cumulative Final		
		W	Review for Cumulative Final		
		TH	3/16/2023 Thursday	5:00PM - 7:00PM	Science Building (SCI) D102

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 AM					
9:30 AM					
10:00 AM	Travel 10:15-10:45		Travel 10:15-10:45		
10:30 AM					
11:00 AM	Math 119 Sections M01 & W01 Precalculus Trigonometry Lecture 11:00-11:50 am Wausau 238, Marshfield 466 January 23- May 12		Math 119 Sections M01 & W01 Precalculus Trigonometry Lecture 11:00-11:50 am Wausau 238, Marshfield 466 January 23- May 12		
11:30 AM					
12:00 PM	Travel 12:00 -12:45	Travel 12:00 -12:45	Office hours location Wausau/Marshfield 12:00-12:30 Zoom Option 12:30-12:50	Travel 12:00 -12:45	
12:30 PM					
1:00 PM		Office Hours 1:00-1:30 pm Stevens Point Science Building Room D221 Zoom 1:30-1:50 Option	Travel 1:00-1:45	Office Hours 1:00-1:30 pm Stevens Point Science Building Room D221 Zoom 1:30-1:50 Option	
1:30 PM					
2:00 PM	Math 95 section 01 2:00-2:50 pm Science Building A207 Jan 23-March 17	Math 95 section 01 2:00-2:50 pm Science Building A207 Jan 23-March 17	Math 95 section 01 2:00-2:50 pm Science Building A207 Jan 23-March 17	Math 95 section 01 2:00-2:50 pm Science Building A207 Jan 23-March 17	
2:30 PM					
3:00 PM	Math 95 section 05 3:00-3:50 pm Science Building A213 Jan 23-March 17	Math 95 section 05 3:00-3:50 pm Science Building A213 Jan 23-March 17	Math 95 section 05 3:00-3:50 pm Science Building A213 Jan 23-March 17	Math 95 section 05 3:00-3:50 pm Science Building A213 Jan 23-March 17	
3:30 PM					
4:00 PM					
				*Important Note Courses change at 8 week mark Math 107 begins Math 95 courses	Math 107 Section 05 2nd 8 weeks 3:00-3:50 pm Science A 207 March 27 - May 12