Math 95 Intermediate Algebra Syllabus

Summer 2024

2 credits

Associate Lecturer	Office Hours	Class Schedule - 4-week course
Lisa Kennedy Email: lkennedy@uwsp.edu	Tuesday 3:00 pm Zoom Link Thursday 12:00 pm Zoom Link Email to schedule an appointment if a different day/time is needed.	Online Asynchronous **Monday, Tuesday, Wednesday, Thursday, Friday** Course Timeframe: May 28 – June 21

Prerequisite:

Math 90 or suitable placement test score.

Optional Text (rental):

Elementary & Intermediate Algebra, 5th edition by Alan S. Tusy & 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.

Learning Outcomes:

This course aims to establish foundational knowledge for students progressing to intermediate-level mathematics courses, such as Math 107 and Math 118. At the end of this course students will be able to evaluate, simplify, solve, graph, and make connections with linear equations, exponents, radicals, function notation, and quadratic equations.

Course Communication:

This course will be delivered entirely online through the course management system CANVAS. You will use your UWSP account to log into the course from the Canvas Login Page.

Course announcements, module outline and requirements, lessons with videos, problem sets, quizzes, exams, grade information, and other course information will be posted 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.

- I will be communicating primarily through **announcements** in Canvas & **email** using your **UWSP address**. Please ensure that your notifications are turned on in Canvas. Check for updates daily.
- Email is the best way to contact me (lkennedy@uwsp.edu).

Course Technology Requirements:

View this website to see the minimum recommended computer and internet configurations for Canvas. You will also need access to the following tools to participate in this course:

Webcam, Microphone, a stable internet connection (do not rely on cellular).

Honor Lock will be used to proctor Exams. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, a functional microphone, a stable Internet connection, and the Chrome browser.

Student Expectations:

In this course you will be expected to complete the following types of tasks.

- communicate via email
- follow the schedule and complete work by due dates as outlined in Canvas
- read and analyze documents
- view online videos
- complete problem sets in MyOpenMath
- complete quizzes and exams using Honor Lock in Canvas
- download and upload documents to Canvas
- upload documents to Canvas saved as a single pdf file

Course Grade:

15%   Problem Sets
15 %   Quizzes
50 %   Exams
20%   Comprehensive Final Exam

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

(*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.

15% Problem Sets:

Problems are assigned for every topic covered and will consist primarily of problems in MyOpenMath. MyOpenMath is a free open source, online course management and assessment system for mathematics. The problems will be automatically graded and must be completed by the due date. These problems must be completed before you take the corresponding quizzes and the unit exam. You can redo incorrect problems, by selecting *get a similar question*. This allows students to retry a similar problem to reinforce the concept and potentially earn full points. Use the videos linked in MyOpenMath to support your learning.

The problems assigned in MyOpenMath will be a minimal list of problems needed to understand the content to do well in this course. You may use resources and work with other people on the problem sets, but it is your responsibility to understand and learn the content. Plan to work on math every day for 2-3 hours. Consequently, you should set aside at least 8-12 hours per week for this course. (Note: The amount of time required for study will vary by individual.) It would be to your advantage to work extra problems, in addition to the ones assigned in the problems and assignments as needed. If at any time you feel that you are falling behind, you should contact the instructor immediately.

Problem Set Module 1: Due by Midnight Sunday 6-2-24
Problem Set Module 2: Due by Midnight Sunday 6-9-24
Problem Set Module 3: Due by Midnight Sunday 6-16-24

15% Quizzes:

There will be 4 quizzes assigned in Canvas. They are intended to be a quick check for understanding. The goal is for the quiz to take around 10 minutes. There will be a time limit set of 20 minutes. No notes or additional support may be used. Quizzes MUST be ONLY your own work. Quizzes are not allowed to be retaken. There will be NO make-up on quizzes.

Introduction Quiz: Wednesday May 29
Quiz 1: Thursday May 30
Quiz 2: Thursday June 6
Quiz 3: Thursday June 13
The quizzes will open on Wednesday at 8:00am and close at **midnight** on **Thursday.**

50% Exams:

There will be three module exams and the final exam. Exams must be taken using **HonorLock** during the **scheduled timeframe.** There will be a time limit set of 55 minutes. Exams MUST be ONLY your own work. Late or Missing quizzes/exams will result in a zero. Exams are not allowed to be retaken. There will be NO make-up on the exams.

> **EXAM 1: Module 1 Solving Quadratics & Simplification (Tuesday June 4)**
> **EXAM 2: Module 2 Radical expression & Equations (Tuesday, June 11)**
> **EXAM 3: Module 3 Advanced Quadratic Solving (Tuesday, June 18)**
> All exams will be **Due Tuesday** by **midnight** on the week assigned.
> The exams will open on Sunday at 8:00am and close at midnight on Tuesday.

20% Final Exam:

The final exam will be cumulative and cover all the content taught in the Math 95 course. The exam must be taken using **HonorLock** during the **scheduled timeframe.** No extensions will be granted. Completing the final exam is required for passing the course.

> **FINAL EXAM: (Friday, June 21)**
> The final exam will open Thursday, June 20 at 8:00am and close at midnight Friday, June 21.

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.
- Math 95 is delivered over a very limited timeframe. In the rare occurrence a conflict will prevent you from taking a quiz or exam during the designated timeframe, contact me as soon as possible to determine if an accommodation can be granted.

Incompletes:

A grade of incomplete may be given when circumstances arise which are beyond the student's control, and which result in the student being unable to complete the course. A grade of incomplete will only be used if the student is passing when the circumstances arise.

Available Support:

- Ask questions as they occur. **Attend Virtual Office Hours** or schedule a virtual appointment. It is my goal for all students to learn and build confidence in mathematics. I am committed to helping each student, experience & exposure are needed to achieve success.
- **UWSP Technology Support** Seek assistance from the IT Service Desk, IT Service Desk Phone: 715-346-4357, or IT Service Desk Email: itsvdesk@uwsp.edu

Understand When You May Drop This Course:

It is the student's responsibility to understand when they need to consider unenrolling from a course. Refer to the UWSP Academic Calendar for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course. Serious and compelling reasons includes: (1) documented and significant change in work hours, leaving student unable to attend class, or (2) documented and severe physical/mental illness/injury to the student or student's family.

UWSP student responsibilities:

All students are expected to know the UWSP student responsibilities found on the Dean of Students webpage. Information on Academic Concerns is available at https://www.uwsp.edu/dos/Pages/stu-

academic.aspx. Information on Conduct Concerns and on Personal Concerns is also available on the Dean of Students site.

Academic Integrity:

At UW-Stevens Point and, in all courses, we place great emphasis on academic integrity and honesty. Plagiarism, fabrication, cheating, helping others commit these acts, and any form of dishonesty, compromise the educational process and devalue the achievements of all students. All work you submit must be original and completed individually unless collaboration is explicitly allowed. Always acknowledge your sources, cite appropriately, and give credit where it's due. If instances of alleged academic dishonesty are identified, appropriate actions will be taken in accordance with the institution's policies [(UWSP Chapter 14).](UWSP Chapter 14) These actions could include revising the assignment, receiving a lower grade or no credit for the assignment, receiving a lower grade for the entire course, or facing more serious academic consequences.

Tentative Math 95 Schedule 2024 Summer

Week			Topic	
1	May 28	T	5.1 Rules for exponents 5.2 Zero and Negative Exponents	**MyOpenMath 5.1 (22) & 5.2 (21)**
		W	8.2 Functions 8.6 Factoring methods *Introduction Quiz*	**MyOpenMath 8.2a (17) & 8.2b (20)** **MyOpenMath 8.6 (25)**
		TH	8.7 Review of factoring methods 6.6 A factoring strategy *Canvas Quiz #1*	**MyOpenMath 8.7 (11)** **MyOpenMath 6.6 (24)**
		F	6.7 Solving quadratic equations by factoring **All My OpenMath Homework is Due by Midnight Sunday 6-2-24**	**MyOpenMath 6.7 (15)**
2	June 3	M	Review for Exam **Practice Exam 1** – Submit to Canvas	
		T	**Using Honor Lock Exam Module 1** **Exam 1: Solving Quadratics & Simplification (50 minute)** **Due Tuesday June 4 by midnight** **Exam will be available Sunday 8:00am – Tuesday midnight**	
		W	9.1 Radical expressions and functions	**MyOpenMath 9.1a (26) & 9.1b (19)**
		TH	9.2 Rational exponents 9.3 Simplifying and combining radical expressions *Canvas Quiz #2*	**MyOpenMath 9.2 (22)** **MyOpenMath 9.3a (21) & 9.3b (23)**
			9.4 Multiplying and dividing	

		F	radical expressions **MyOpenMath 9.4a (12) & 9.4b (7)** 9.5 Solving radical equations **MyOpenMath 9.5 (15)** **All My OpenMath Homework is Due by Midnight Sunday 6-9-24**	
3	June 10	M	Review for Exam **Practice Exam 2** – Submit to Canvas	
		T	**Using Honor LockExam Module 2** **EXAM 2: Radical expression & Equations (50 minute)** **Due Tuesday June 11 by midnight** **Exam will be available Sunday 8:00am – Tuesday midnight**	
		W	9.6 Geometric applications of radicals **MyOpenMath 9.6 (16)** 10.1 The square root property and completing the square **MyOpenMath 10.1a (12)&10.1b (17)**	
		TH	10.2 The quadratic formula **MyOpenMath 10.2 (12)** *Canvas Quiz #3*	
		F	10.3 The discriminant **MyOpenMath 10.3 (15)** 10.3 The discriminant continued Review **All My OpenMath Homework is Due by Midnight Sunday 6-16-24**	
4	June 17	M	10.4 The quadratic function and graphs **MyOpenMath 10.4a (21)&10.4b (20)** Review for Exam **Practice Exam 3**– Submit to Canvas	
		T	**Using Honor LockExam Module 3** **EXAM 3: Advanced Quadratic Solving (50 minute)** **Due Tuesday June 18 by midnight** **Exam will be available Sunday 8:00am – Tuesday midnight**	
		W	Review for Cumulative Final **Practice Exam Final**– Submit to Canvas	
		TH	**Using Honor LockExam Module 1** **Final Cumulative EXAM 120 minutes** **Due Friday June 21 by midnight**	
		F	**Exam will be available Thursday 8:00am-Friday midnight**	