

Math 95—Intermediate Algebra, 2 credits

Topics: linear equations including graphing, exponents, radicals, function notation, and quadratic equations.

Gretchen Renfert	Help (“Office”) Hours		“Live” Course Meeting Times		
email: grenfert@uwsp.edu	<u>Day</u>	<u>Time</u>	<u>Sec</u>	<u>Day</u>	<u>Time</u>
Office: Science B248	T	1-1:45 PM	2	MTWR	10:00 – 10:50 AM
Math Dept	W	9-9:45 AM			
Office: Science B246	<i>or by appointment</i>				

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

Web Assign: Homework and Exams will be completed through another web site called “Web Assign”.
(On-line) After a 14-day free trial, I will email a code to you at your UWSP email (at NO additional charge to you). This homework system allows you to try problems up to 3 times, has valuable little videos and hints, a symbol templates necessary to input free response answers, and even an “Ask the Teacher” button that signals me that you need help and on a problem.

Calculators: You will need a scientific calculator during portions, but not all, of the course. I recommend using a calculator with at least a 2-line display, such as the Texas Instruments “TI-30XS” or the Casio “Fx115”. Read homework and exam directions carefully so you know when to round an answer (and to the number of places) and when to give an exact answer (NOT rounded).
 * Cell phone calculators do not always follow the order of operations that must be used to obtain the correct answer and are not usually allowed when taking exams in our math classes.

Prerequisites: a suitable score on the math placement test **OR** Math 90

Learning Outcomes: Upon the successful completion of the course you will be able to:

1. add, subtract, multiply, and divide polynomials.
2. factor polynomials using various methods.
3. add, subtract, multiply, and divide radical expressions and equations.
4. graph a quadratic function.

Evaluation: Course information will be available in **CANVAS**. Use your regular campus logon ID and password, and then click on our course: Intermediate Algebra MATH 95

**Grades will be determined as follows:

40% **Homework** online, due approximately 2 days after assigned *just before “MIDNIGHT”*

15 % **Exam 1** available online on **Thursday, Feb 11, DUE by 11:59 PM Saturday, Feb 13**

15 % **Exam 2** available online on **Thursday, Feb 25, DUE by 11:59 PM Saturday, Feb 27**

15% **Exam 3** available online on **Thursday, Mar 11, DUE by 11:59 PM Saturday, Mar 13**

15% **Comprehensive Final Exam** **5 – 7 PM Thursday, Mar 18**

100%

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 one low exam score early in the course). I will not use discretionary judgments to lower a student’s final grade.

Homework: There will be a homework assignment almost every class day. Homework must be done on-line and will be graded. You will usually have at least 2 days to complete homework assignments and will be given 3 attempts on each part of each problem to get the correct answer. Doing your homework is extremely important, so make sure you stay on top of it and ask questions on whatever you do not understand. You will have approximately 25 homework assignments. If part or all of a homework assignment is completed after the due date, the portion completed "**Late**" will be reduced in value by 30%, but that is better than a 0%. After Exam 2, the "**Drop Lowest**" feature will be turned on in the "Grades" section in Canvas. The computer will drop your 5 lowest homework assignment grades from your course grade in the class.

* **Attendance:** Every LIVE class will be recorded in ZOOM. The recording will be posted later that day. I expect you to make every attempt to keep up with what is being taught by checking **CANVAS** daily for important announcements, handouts, videos, etc.

* **Missing an Exam:** will likely result in a **Zero**. If a dire emergency occurs, contact me as soon as possible to see if an exception is in order. If you know ahead of time that a conflict will prevent you from completing an exam by the designated date and time, contact me as soon as possible. There are **NO RETAKES**.

Incompletes: A grade of incomplete may be given if circumstances arise beyond the student's control and the student is unable to complete the course ***IF*** the student was passing when the circumstances arose.

Disability Accommodations: Reasonable accommodations are available for students who have a documented disability. Please notify the instructor during the first week of class of any accommodations needed for the course. For information on accommodations available to students with disabilities, call 715-346-3365, visit the Disability and Assistive Technology Center in room 609 of the Learning Resources Center, or visit their website: <http://www.uwsp.edu/disability/Pages/default.aspx>.

Concerns: All students are expected to know the UWSP Community **Rights & Responsibilities** and the **Student Academic Standards and Disciplinary Procedures** found on the Dean of Students webpage at <https://www.uwsp.edu/dos/Pages/stu-academic.aspx>. This is an excellent place for you to find more information about Academic Concerns, Conduct Concerns, Personal Concerns, and more.

Academic Integrity:

1. It is understood that YOU will do your own homework. You are being given an extended amount of time to complete these tasks due to the complexities we all face with accessing & sharing technology, finding reliable internet, and frankly finding a quiet place to complete work.
2. Exams must be completed within 90 minutes of starting. Once an exam has been opened, the clock is running even if you log out or lose your internet connection. Make sure you have found a reliable internet connection to use by the date of our first exam. You will NOT be allowed multiple attempts to answer exam questions.
3. Your FINAL Exam will be completed on-line within the usual 2-hour final exam time. It is understood that you will not use resources that you would not ordinarily be allowed to use if the exam were taken in person. NO assistance from people, websites, graphing calculators, etc.

For Academic Support:

- 1) Ask questions as they arise, especially during the LIVE classes! (That's the benefit of having a live class rather than a pre-recorded video)
- 2) See me during my Help Hours, check to see if I am available at other times, or send me your questions by email. Including images (photos) of your work can be helpful.
- 3) **The Math Pad** offers tutoring ONLY for students enrolled in Math 90/95/107 (See next page)
- 4) **The Tutoring Learning Center (TLC)** is offering FREE one-to-one tutoring this semester.(next page)

The **MathPad** is a tutoring center dedicated to serving the needs of students in MATH 90, 95, and 107. This semester we will be providing that tutoring through Zoom instead of our normal face-to-face setting. Daily Zoom sessions will run from **9:00 am to 7:00 pm Monday - Thursday** and **9:00 am to 1:00 pm on Fridays**. Drop in anytime we are open to ask for help with your homework or test review. The Zoom sessions will be linked through Canvas so you can always come here first to sign in. You may also receive a daily email invitation to the Math Pad from the coordinator, Terry Rood. The self-enrollment link is: <https://uwstp.instructure.com/enroll/GJRKW8>
Tutoring starts on Monday, February 1.

The Tutoring-Learning Center (TLC) offers **FREE** virtual tutoring to support you in your math classes. The tutors are UWSP students who have done well in their classes and who are here to share their successful study habits and math content knowledge to help others succeed. Discussing mathematical concepts and practicing problems together clarifies and solidifies knowledge, and the tutors are eager to study with you. The TLC will offer two main forms of math tutoring during Spring 2021:

- **Drop-In Tutoring.** Tutors are waiting in a Zoom room where students can “drop-in” for assistance. No appointment or registration is required and attendance is flexible. The schedule and Zoom links can be found here: <http://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx>.
- **One-on-One Tutoring.** Tutors are available for weekly, recurring appointments. Weekly attendance is required, as this service is designed for long-term assistance. To sign up, students can submit a request form through the TLC webpage: <https://www.uwsp.edu/tlc/Pages/Mathandscischedules.aspx>. Appointments are made based upon tutor availability – we cannot guarantee that every student will be matched with a tutor. One-on-One Tutoring is **FREE** for all UWSP students during Spring 2021!

What	Details	Schedule	Cost
Drop-In Tutoring	Flexible attendance	https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx	FREE
One-on-One Tutoring	Weekly attendance required	Complete online request form here: https://www.uwsp.edu/tlc/Pages/request-math-science-tutoring.aspx	FREE

Gretchen Renfert's Schedule: Spring 2021

	Monday	Tuesday	Wednesday	Thursday	* Friday
8:00 - 8:50					<i>Other times by appointment</i>
9:00 - 9:50			Office Hour By ZOOM		
10:00 - 10:50	Math 95.2 Virtual	Math 95.2 Virtual	Math 95.2 Virtual	Math 95.2 Virtual	<== Only from Jan 25 – Mar 18
11:00 - 11:50					
12:00 - 12:50					
1:00 - 1:50		Office Hour By ZOOM			<i>Evening, weekend or other times by appointment</i>
2:00 - 2:50	Math 109.2 Virtual	Math 109.2 Virtual	Math 109.2 Virtual	Math 109.2 Virtual	
3:00 - 3:50					
4:00 - 4:50					

TENTATIVE SCHEDULE

Week 1	January 25 - 28	Introduction & 5.1 Rules for exponents 5.2 Zero and Negative Exponents 8.2 Functions 8.2 Lines
Week 2	February 1 - 4	8.6 Greatest Common Factor (“GCF”) 8.6 Factoring methods 8.7 Factoring perfect squares 8.7 Factoring perfect cubes
Week 3	February 8 - 11	6.6A Factoring strategies 6.6B More factoring strategies 6.7 Solving quadratic equations by factoring 6.7B Solving cubic equations by factoring Exam 1 (5.1, 5.2, 8.6, 8.7, 6.6)
Week 4	February 15 - 18	9.1 Radical expressions and radical functions 9.1B Radical expressions and exponents 9.2 Rational exponents 9.2 Negative rational exponents
Week 5	February 22 - 25	9.4 Multiplying and dividing radical expressions 9.4 (continued) 9.5 Solving radical equations 9.6 Geometric applications of radicals Exam 2 (6.7, 9.1, 9.2, 9.4)
Week 6	March 1 - 4	9.3 Simplifying and combining radical expressions. 9.3 Adding & subtracting radical expressions 10.1 The square root property 10.1B Completing the square
Week 7	March 8 - 11	10.2 The quadratic formula 10.2B (continued) 10.3 The Discriminant 10.3B (continued) Exam 3 (9.5, 9.6, 9.3)
Week 8	March 15 - 18	Go over Exam 3 results Review #1 for Final Exam Review #2 Review #3
All course material	March 18, 5–7 PM	Final Exam