Math 95—Intermediate Algebra, 2 credits

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

Gretchen Renfert	Help Hours		"Live" Course Meeting Times		
* **email:** grenfert@uwsp.edu	Day	Time	Sec	Day	Time
* preferred	M-R	**9-10 AM**	4	**Monday**	**2:00 – 2:50 PM**
Phone: (Math Dept Office)	*or*		9	**Tuesday**	**12:00 – 12:50 PM**
715-346-2120	*by appointment*		5	**Wednesday**	**11:00 – 11:50 AM**
Office: Science B248			5	**Thursday**	**11:00 – 11:50 AM**

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

Web Assign: Homework, quizzes, and the Final Exam will be completed from this web site. You will be
(On-line)   provided with a code for use for <u>THIS COURSE</u> at NO ADDITIONAL CHARGE TO YOU.

Calculators: You will need a <u>scientific calculator</u> during portions, but not all, of the course.   Do not
              become too dependent on using a calculator.
        * Computers, cell phones, SMART watches, iPads or other tablets, and calculators with a
              "QWERTY" keyboard or built-in computer algebra systems are not allowed during exams.

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 % **Quiz 1**   available online on **Thursday,**   Sept 17,   DUE by **11:59 PM Saturday, Sept 19**
15 % **Quiz 2**   available online on **Thursday,**   Oct 1,   DUE by **11:59 PM Saturday,   Oct 3**
15% **Quiz 3**   available online on **Thursday,**   Oct 15, DUE by **11:59 PM Saturday,   Oct 17**
15% **Comprehensive Final Exam**   **5 – 7 PM**   **Thursday,   Oct 22**
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 <u>not</u> 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 have 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 and <u>may drop your lowest 5 homework scores</u>.

* Attendance: Every class I teach will be recorded in ZOOM and the recording will be posted later in the day for all of my Math 95 students to access. I will alternate days when I will teach the class "live". You may "attend" any of my 3 live classes, or pull up the recording later and review what was taught. 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.

* <u>Missing a Quiz:</u> will likely result in a **Zero**. If a dire emergency occurs, <u>contact me as soon as possible</u> to see if an exception is in order. If you know ahead of time that a conflict will prevent you from completing a Quiz by the designated date and time, contact me as soon as possible.

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 <u>YOU will do your own homework</u>. 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. Your <u>Quizzes are timed at 90 minutes</u> so once you open a Quiz in Web Assign, you are on the clock, even if you print it or log out. The clock will still be running….keep that in mind and don't miss the deadline. Make sure you have found a reliable internet connection to use by the date of our first Quiz. You will NOT be allowed multiple attempts to answer QUIZ questions.
3. Your FINAL Exam will be completed on-line within the usual 2-hour final exam time. <u>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</u>. NO assistance from people, websites, graphing calculators, etc.

<u>For Academic Support:</u>

1) <u>Ask questions</u> as they arise.

2) <u>See me</u> during my Help Hours, or check to see if I am available at other times.

3) **The Math Pad offers** tutoring ONLY for students enrolled in Math 90/95/107

4) **The Tutoring Learning Center** (**TLC)** is offering FREE one-to-one tutoring this semester.

TENTATIVE SECHEDULE

Week 1	Sept 2, 3	5.1 Rules for exponents 5.2 Zero and Negative Exponents 8.2 Functions
Week 2	Sept 7, 8, 9, 10	8.6 Factoring methods 8.7 Review of factoring methods 6.6 A factoring strategy
Week 3	Sept 14, 15, 16, 17	6.6 A factoring strategy 6.7 Solving quadratic equations by factoring Quiz 1 (5.1, 5.2, 8.6, 8.7, 6.6, 6.7)
Week 4	Sept 21, 22, 23, 24	9.1 Radical expressions and radical functions 9.2 Rational exponents
Week 5	Sept 28,29,30, Oct 1	9.4 Multiplying and dividing radical expressions 9.5 Solving radical equations 9.5 Solving radical equations 9.6 Geometric applications of radicals Quiz 2 (9.1, 9.2, 9.4, 9.5)
Week 6	Oct 5, 6, 7, 8	9.3 Simplifying and combining radical expressions 10.1 The square root property and completing the square 10.2 The quadratic formula.
Week 7	Oct 12, 13, 14, 15	10.3 The discriminant Quiz 3 (9.3, 10.1, 10.2, 10.3)
Week 8	Oct 19, 20, 21, 22	Review
All chapters	Oct 22	Final Exam 5-7 PM