

<p>Maggie Milkovich Office: D260 SCI Phone: (715) 346 – 4124 Email: mmilkovi@uwsp.edu</p>	Office Hours	Class Meets
	1:00 – 1:50 Mon – Thurs 5:00 – 5:50pm Mon, Wed NOTE: Other office hours by appointment or discovery.	Monday - Thursday 3:00 – 3:50 pm in SCI D223 (sec 3) 4:00 – 4:50 pm in SCI A210 (sec 4) Final Exam: last day of class (Thursday, week 8)

MATH 95 Intermediate Algebra 2 credits

Linear equations including graphing, exponents, radicals, function notation, and quadratic equations.

Prerequisite: Math 90 or suitable placement score.

Learning Outcomes: Upon the successful completion of this course you will depart with the understanding that:

1. Algebraic expressions can be rewritten in an equivalent simplified form.
2. Solving equations/inequalities is a process where to find value(s) that yield a true statement.
3. There are several methods to use in solving equations/inequalities so analysis of the problem will determine the appropriate method to use.

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

MathPad: CCC 302. MathPad is both a classroom and tutoring lab for students enrolled in Math 90/95/107 courses.

Math Tutoring Room: A113A Science. UWSP students provide free tutoring on a drop-in basis for all math courses.

See <http://www.uwsp.edu/mathsci/Pages/tutoring.aspx> for details of above tutoring services.

Tutoring Learning Center (TLC): Individual and group tutoring is available for many subjects, including math. See <http://www.uwsp.edu/tlc/Pages/schedules.aspx> for details.

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

Electronics: Cell phones should be turned off during class time. Exceptions may be made for unusual circumstances if discussed with the instructor prior to use. Earphones/buds may not be used during lectures, quizzes or exams. Cell phones and smart watches need to be stowed in a backpack during exams and quizzes.

Evaluation: Your final course grade will be determined by the following weights:

20% for homework (done on WebAssign)	45% for Exams – 15% each
15% for quizzes – five quizzes, 3% each	20% for the comprehensive final exam

Grading Scale:

A: $\geq 92\%$	A – : $\geq 90\%$ but $< 92\%$	
B + : $\geq 88\%$ but $< 90\%$	B : $\geq 82\%$ but $< 88\%$	B – : $\geq 80\%$ but $< 82\%$
C + : $\geq 78\%$ but $< 80\%$	C : $\geq 74\%$ but $< 78\%$	C – : $\geq 72\%$ but $< 74\%$
D + : $\geq 69\%$ but $< 72\%$	D : $\geq 65\%$ but $< 69\%$	F : $< 65\%$

Dates for the **quizzes** and **exams** have not yet been determined, but will be announced prior to being given (by about a week).

Homework will be assigned daily and will consist primarily of problems on WebAssign.. Penalties will be assessed on late homework assignments on WebAssign (see below). You will have three tries on each question.

Late Penalties for WebAssign Assignments:

- If an extension is requested (via WebAssign) within one week of the due date, 24 hours will be granted with a 20% penalty.
- All other extensions will be at the discretion of the instructor.

When you do your homework, it is advisable to do your work on paper in an organized way (I suggest keeping a notebook so all your work is together), just as you would do if you were doing the problems directly from the textbook and handing it in. Your exams and quizzes will be on paper, and I expect to have well written and organized work to grade, so take my advice and develop that skill when doing the homework! I will model for you what organized, well written work is in class when I show examples.

Final Exam: The common Math 95 final will be a multiple choice exam given on the last class day of week 8.

Attendance is expected at every class meeting. Absences for serious illness, family emergencies, or University sponsored activities may be excused provided you adequately notify the instructor by e-mail prior to intended absence or provide documentation of an emergency. It is the student's responsibility to make every effort to keep up even if absent. Only in rare cases will I extend a homework due date beyond the automatic extension period. Quizzes and exams may not be made up unless arranged with me ahead of time, and then only for sufficient reason.

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.

For Help: 1) Ask questions as they arise. Come to see me after class, during my office hours or schedule an appointment with me for another time. 2) Make use of the MathPad (CCCMath Room (SCI A113A). 3) Tutoring services (through the TLC) are available for this course. More specifics will be provided in class when they become available.

General Course Policies

- 1) Pagers and cell phones should be turned off during class.
- 2) UWSP is committed to providing reasonable and appropriate accommodations to students with disabilities and temporary impairments. If you have a disability or acquire a condition during the semester where you need assistance, please contact the Disability and Assistive Technology Center on the 6th floor of Albertson Hall (library) as soon as possible. DATC can be reached at 715-346-3365 or DATC@uwsp.edu.
- 3) You should be fully aware of your rights and responsibilities as a UWSP student. Refer to <http://www.uwsp.edu/dos/Pages/Student-Conduct.aspx> for more information regarding the UWSP Community Bill of Rights and Responsibilities, the UWSP Student Academic Disciplinary Procedures, and the Non-Academic Standards and Disciplinary Procedures.

FALL SEMESTER 2017 Maggie Milkovich					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 AM					
10:00 AM		Math 556 D217		Math 556 D217	Math 556 D217
11:00 AM		Math 119-1 A210		Math 119-1 A210	
12:00 PM					
1:00 PM	OFFICE	OFFICE	OFFICE	OFFICE	
2:00 PM	Math 109-3 A225	Math 109-3 A225	Math 109-3 A225	Math 109-3 A225	
3:00 PM	Math 95-1 D223	Math 95-1 D223	Math 95-1 D223	Math 95-1 D223	
4:00 PM	Math 95-2 A210	Math 95-2 A210	Math 95-2 A210	Math 95-2 A210	
5:00 PM	OFFICE		OFFICE		

TOPICS Covered:

Note. The order of the sections listed below is not necessarily the order in which they are covered.

5. EXPONENTS AND POLYNOMIALS

5.1 Rules for Exponents

5.2 Zero and Negative Exponents

8. TRANSITION TO INTERMEDIATE ALGEBRA

8.2 Functions

8.6 Review of Factoring Methods: GCF, Grouping, Trinomials

8.7 Review of Factoring Methods: The Difference of Two Squares; the Sum and Difference of Two Cubes

6. FACTORING AND QUADRATIC EQUATIONS

6.6 A Factoring Strategy

6.7 Solving Quadratic Equations by Factoring

9. RADICAL EXPRESSIONS AND EQUATIONS

9.1 Radical Expressions and Radical Functions

9.2 Rational Exponents

9.3 Simplifying and Combining Radical Expressions

9.4 Multiplying and Dividing Radical Expressions

9.5 Solving Radical Equations

9.6 Geometric Applications of Radicals

10. QUADRATIC EQUATIONS, FUNCTIONS, AND INEQUALITIES

10.1 The Square Root Property and Completing the Square

10.2 The Quadratic Formula

10.3 The Discriminant and Equations That Can Be Written in Quadratic Form

TO GET STARTED USING WEBASSIGN: ??????

- 1) Go to <https://www.webassign.net/wa-auth/login>
- 2) Your username is the same as your university username*. The institution is UWSP. Your password is your username as well.
- 3) You will probably be asked to create a Cengage account. Do so, and then register for WebAssign.
- 4) After you register, you should go to My Options in the upper right corner of the screen to change your password. It is recommended that you do NOT use the same password as you are using for the university.

*Your username at the university is the first letter of your first name, followed by the first four letters of your last name, and ending with the last three digits of your student ID number.

For example, if your name is Annabelle Wilson and your id # is 15512000, your username is awils000.

