Maggie Milkovich Office: D260 SCI Phone: (715) 346 – 4124 Email: mmilkovi@uwsp.edu	**Office Hours** 1:00 – 1:50 Mon – Thurs 5:00 – 5:50pm Mon, Wed NOTE: Other office hours by appointment or discovery.	**Class Meets** Monday - Thursday 3:00 – 3:50 pm in SCI A225 (sec 2) 4:00 – 4:50 pm in SCI D223 (sec 3) **Final Exam: Monday, December 18** **5-7pm Location TBA**

MATH 107   Algebra for Pre-Calculus 2 credits

Factoring and simplifying rational equations, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs.

Prerequisite: Math 95 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.

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.

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

Calculators: You should have a graphing calculator for this class. You may NOT use 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.

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

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. See my "Tips for Success" below for more about homework.

Late Penalties for WebAssign Assignments:
- If an automatic 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.

Dates for the **quizzes** and **exams** have not yet been determined, but will be announced prior to being given (by about a week). Some quizzes or exams may be given on WebAssign. Some quizzes may be taken outside of class (you will be given a 24-hour time period in which to take an out-of-class quiz).

Final Exam: The final exam is comprehensive.

Attendance will be taken, and 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 and stowed away 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.

Tips for Success/How to Study: You should expect to spend at least 2-3 hours for each hour of class time. For this course, that means at least 8-12 hours a week should be spent studying algebra! Here are my tips for success:

- Before we cover a topic in class, skim the relevant section in your textbook.
- Take complete and neat notes during class.
- After class, read the section in the textbook again, with paper and pencil. Write down all the key points (usually in boxes in the book!). Carefully copy out the textbook examples. Know why each step is taken.
- After each example, do the "Self Check" examples, and the "Now Try" problems.
- NOW you are ready to do your homework on WebAssign.
- Keep a notebook with all your work for the WebAssign homework. Be organized. Do not skip steps. Do not cram your work into a small space! Neatness is very important! 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 in class .
- When you have questions about homework problems, I expect to be able to see the work you have done so far so that I can identify where you need help.
- If you cannot do the problems in WebAssign without making frequent use of the "Show Me" videos, or by following an example they give, then you have not mastered the process!
- If you need more practice, open your book and do the odd numbered problems for the topics you need more work on so you can check your answers in the back of the book.
- You can only master Algebra skills by practice. You cannot master them by watching me do problems in class, nor even by getting good homework grades if you need to follow examples in order to get those grades.

Classroom Behavior: I expect students to act in a respectful and mature adult manner during class. This means that you refrain from talking, using your cell phone, coming into class with earphones in your ears, etc. Any student who is causing a distraction to the instructor or to other students will be asked to stop doing so. If it happens again, that student will be asked to leave the classroom for the day.

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.

FALL SEMESTER 2017 Maggie Milkovich					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 AM					
10:00 AM		Math 556 A107		Math 556 A107	Math 556 A107
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 107-2 A225	Math 107-2 A225	Math 107-2 A225	Math 107-2 A225	
4:00 PM	Math 107-3 D223	Math 107-3 D223	Math 107-3 D223	Math 107-3 D223	
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.

8. **TRANSITION TO INTERMEDIATE ALGEBRA**
   - 8.4 Solving Compound Inequalities
   - 8.5 Solving Absolute Value Equations

5. **EXPONENTS AND POLYNOMIALS**
   - 5.1 Rules for Exponents
   - 5.2 Zero and Negative Exponents

9. **RADICAL EXPRESSIONS AND EQUATIONS**
   - 9.2 Rational Exponents

6. **FACTORING AND QUADRATIC EQUATIONS**
   - 6.1 Greatest Common Factor; Factoring by Grouping