

# Brief Course Delivery Summary

Taught by [Paul Martin](#)

## **MATH 095/107, Section W02: Intermediate Algebra and Algebra for Pre-Calculus**

**Format:** In-Person, Cohort Attendance

**Cohort A** meets Monday and Wednesday from 1:00 to 1:50 in room 182.

**Cohort B** meets Tuesday and Thursday from 1:00 to 1:50 in room 182.

Instructor: Professor Paul Martin ([pmartin@uwsp.edu](mailto:pmartin@uwsp.edu))

Course Description:

**MATH 095:** Linear equations including graphing, exponents, radicals, function notation, and quadratic equations. This 2-credit course will be completed by week 8 of the semester.

**MATH 107:** Factoring and simplifying rational expressions, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs. This 2-credit course begins in week 9 and ends at the end of the semester.

**Cohort Assignments:** I will post cohort assignments in our Canvas site by August 28. Contact me by August 26 if you need or have a strong preference to be placed in a particular cohort. Once in a cohort, you must remain in that cohort for the entire semester.

**This course will be offered in a Hybrid Format:** This means we will spend most of the in-class time working on homework problem sets that need to be turned in. I will create ~10-15 minute lecture videos for each day of the week that will be posted in Canvas to be viewed outside of normal class time. Class-time will be used for completing/discussing the homework sets and taking exams (an exam ~every 3 weeks taken in-class). The homework sets will be due twice a week and submitted in Canvas. You will need to upload pictures or scans of your completed homework to canvas and I will grade them with comments that you can view in canvas. More details will be forthcoming when I have the syllabus completed.



## **095/107, Section W02: Intermediate Algebra(2cr) and Algebra for Pre-Calculus(2cr)**

This class is broken into two cohorts. You must only show up in class on the days for your cohort. Once you make your seat selection, you will need to keep that same seat for the semester for potential contact-tracing information. I will assign you to a cohort unless I get a message from you indicating which cohort you need/prefer prior to August 26. Cohort assignments will be posted in Canvas by August 28.

**Cohort A(M-W)** meets Monday and Wednesday from 1:00 to 1:50 in room 182.

**Cohort B(T-T)** meets Tuesday and Thursday from 1:00 to 1:50 in room 182.

**Instructor:** Paul Martin [pmartin@uwsp.edu](mailto:pmartin@uwsp.edu) 261-6272, office 087-B at Wausau Campus of UWSP.

**Text:** Elementary and Intermediate Algebra 5<sup>th</sup> ed. By Alan Tussy and David Gustafson ISBN:

**Office Hours:** Virtually in the Blackboard Collaborate Room at:

<https://us.bbcollab.com/guest/6cd47aa37404410fb913f5c2bea3ab2c> I will be available at 10:00AM M,T, Th, F in this room, but am happy to meet with you there at other times, just send an email requesting a meeting. Students can also meet virtually here with each other to work on homework etc.

**Course Descriptions:** (Syllabus is for both courses even though some of you are taking only one of the two.)

**MATH 095:** Linear equations including graphing, exponents, radicals, function notation, and quadratic equations. This 2-credit course will be completed by week 8 (last day is 10/23/2020).

**MATH 107:** Factoring and simplifying rational expressions, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs. This 2-credit course begins in week 9 (10/26/2020) and ends at the end of the semester.

This course will be offered in a Hybrid Format: This means we will spend most of the in-class time working on homework problem sets that need to be turned in. I will create ~10-15 minute lecture videos for each day of the week that will be posted in Canvas to be viewed outside of normal class time. Class-time will be used for completing/discussing the homework sets and taking exams (an exam ~every 3 weeks taken in-class). The homework sets will be due twice a week and submitted in Canvas. You will need to upload pictures or scans of your completed homework to canvas and I will grade them with comments that you can view in canvas.

**Grades:** Each course will be graded on the same basis. The homework will count for 100 points as will each of the two hour-exams and the final exam. If your score on the final is higher than one of the in-class hour-exams, I will use the final exam score to replace the lower hour-exam score. Thus, the grade in each course grade will be based 400 points. Letter grades of A, B, C, D and F will correspond to overall % of points in the 90's, 80's, 70's, 60's and less than 60.

**Accessing Course Materials:** All materials and links to lectures etc. will be posted in Canvas. Submission folders for homework (and exams?) will be in canvas as well. Your course grade will also be available in Canvas. The course schedule is laid out in the Fall calendar Table on the next page.

### **UWSP Statement on COVID19 Safety Precautions:**

Face Coverings:

- At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any student with a condition that impacts their use of a face covering should contact the [Disability and Assistive Technology Center](#) to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

Other Guidance:

- Please monitor your own health each day using [this screening tool](#). If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646).
  - As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.

Sun.	Monday and Tuesday		Wednesday and Thursday		Friday	Sat.
30.	31.	<b>1. Sept.</b>	2. Exponent Rules and zero and negative exponents. 5.1-5.3		4.	5.
6.	7. Polynomial Multiplication, addition and subtraction. 5.4-5.6		9. Factoring, GCD, Trinomials of form $x^2 + bx + c$ . 6.1-6.2		11.	12.
13.	14. Factoring trinomials and binomials $ax^2 + bx + c$ , $a^2 - b^2$ . 6.3, 6.4		16. Factoring Strategy, Solve equations by factoring. 6.6, 6.7		18.	19.
20.	<b>21. Exam I in-class, MW cohort on Monday, TT cohort on Tuesday.</b>		23. Linear equations $y = mx + b$ or $y = y_1 + m(x - x_1)$ . 3.1-3.3		25.	26.
27.	28. Lines: Equations to graphs and graphs to equations. 3.4-3.6.		30. Graphing linear inequalities, Introduction to functions. 3.7, 3.8		<b>2. Oct</b>	3.
4.	5. Functions, notation, domain, range, formulas for, graphs. 8.2, 8.3		7. Radical expressions and functions. 9.1		9.	10.
11.	<b>12. Exam II in-class, MW cohort on Monday, TT cohort on Tuesday.</b>		14. Rational exponents and radicals, e.g., $2^{2/3} = \sqrt[3]{2^2} = \sqrt[3]{4}$ . 9.2		16.	17.
18.	19. Simplifying and Combining radical expressions. 9.3, 9.4		21. Review for Math 95 final exam. <b>Exam is 5:00-7:00 PM in Canvas</b>		23.	24.
25.	26. Solving radical and power equations. 9.5, 10.1		28. Completing the square and the quadratic formula. 10.1-10.2		30.	31.
<b>1. Nov</b>	2. Factoring with radicals and negative exponents. 6.1, 8.6, 8.7 (Stwt Math for calculus)		<b>4. Exam I for MATH 107, MW cohort on Wednesday, TT on Thursday.</b>		6.	7.
8.	9. Simplifying and multiplying rational expressions 7.1, 7.2		11. Division, addition, and subtraction of rational expr. 7.3, 7.4		13.	14.
15.	16. Complex rational expressions and solving equations. 7.5, 7.6		18. Algebra and composition of functions. 11.1		20.	21.
22.	<b>23. Exam II for Math 107</b>		<b>25. Thanksgiving Break (No Class!)</b>		27.	28.
29.	30. Inverse functions and exponential functions. 11.2, 11.3		<b>2. Dec.</b> Logarithmic functions and $\ln x$ and $e^x$ . 11.4, 11.5.		4.	5.
6.	7. Logarithm Properties. 11.6		9. Exponential and logarithm equations. 11.7, Review for final.		11.	12.
13.	14.	15.	16.	17. Final exam is 8:00-10:00 in Canvas	18.	19.