

## Math 107 Syllabus (Spring 2022, Section 03)

**Instructor:** Austin Hitz

**Office:** Science Building D260      **Phone:** 715-216-0283      **Email:** ahitz@uwsp.edu

**Office Hours:** Wed: 12-3pm, Fri: 11am-1pm, or by Appointment

**Class Time:** M, T, W, Th: 11-11:50am

**Location:** Science Building A225

**Modality of Course:** This course is taught in the traditional face-to-face format.

**Course Description:** 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. Prereq: Math 95 or suitable placement score.

**Required Course Text:** Elementary and Intermediate Algebra 5<sup>th</sup> edition, Tussy and Gustafson with WebAssign Access.

**Calculator:** A standard or scientific calculator is allowed. Graphing calculators and phones are not allowed.

### Teaching Methods:

- A variety of methods will be used to teach the course including traditional lecture, class discussion, working in groups, and video presentations.
- Coursework will consist primarily of weekly homework assignments, occasional quizzes, tests, and a final cumulative exam.
- The usage of any standard or scientific calculator is allowed, but more sophisticated calculators/electronic devices are not permitted. Examples of such prohibited devices are: phones, smart watches, laptops, graphing calculators, tablets, etc.

### My Expectations of Students:

- It is expected that you will attend class, read/review the chapters in a timely fashion, and actively participate in learning the material.
- It is also expected that you keep up with the given assignments, ask questions when topics are unclear, and utilize your resources such as office hours or tutoring.
- All coursework must be of your own as cheating/plagiarism will not be tolerated as in UWSP rules and guidelines.
- All students are expected to behave politely and professionally.

**Attendance Policy:** Attendance will be monitored and worth a portion of your grade. It is imperative to attend all classes and it is your responsibility to communicate with the instructor if a class is missed. You will be held responsible for learning the material missed.

**Late Work Policy:** Be sure to pay close attention to deadlines—there will be no make-up assignments, quizzes, or exams. If there is compelling reason for an absence (and documentation) a student may be allowed to make up an assignment with the instructor's permission. Late work is also not accepted without a valid, documented reason.

**Assignments:** All assignments for this course will be submitted electronically through WebAssign unless otherwise instructed. All problems in the assignments will allow 5 attempts to be submitted. Assignments must be submitted by the given deadline or special permission must be requested from instructor *before the due date*. Extensions will not be given beyond the next assignment except under extreme circumstances. Once an assignment is closed, you can reopen it to download its “solution key” to view the correct answers.

**Gaining the Most Out of the Course:** Studying and learning styles are very personal and different. In order to gain the most out of the course I suggest taking notes, reading the chapters, completing homework on time, reviewing past course work, asking questions, utilizing office hours, finding fellow students to study with (safely), and most importantly *not procrastinating!!*

**Extra Help and Tutoring:** The Tutoring-Learning Center (TLC) offers free group, drop-in, and individual 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. If you have questions about the schedules or would like to make an appointment, please contact the TLC via email ([tlctutor@uwsp.edu](mailto:tlctutor@uwsp.edu)) or phone (715-346-3568) for information.

## Math and Science Tutoring – Spring 2022

One-on-One Tutoring	Group Tutoring	Drop-In Tutoring
<b>45-minute sessions</b>	<b>50-minute sessions</b>	<b>"Drop-in" and stay as long as you like!</b>
<b>Weekly Attendance Required</b>	<b>Flexible Attendance</b>	<b>Flexible Attendance</b>
<b>FREE for all students!</b>	<b>FREE for all students!</b>	<b>FREE for all students!</b>

**Disability Statement:** UWSP provides students with disabilities reasonable accommodations to participate in educational programs, activities, and services. Students with disabilities requiring accommodations to participate in class activities or meet course requirements should contact me as early as possible. 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 6<sup>th</sup> floor of Albertson Hall (library) as soon as possible. DATC can be reached at 715-346-3365 or via [DATC@uwsp.edu](mailto:DATC@uwsp.edu).

**Special Assistance:** Please let me know as soon as possible if you are having difficulty with the course/content. We can make arrangements to meet up, establish tutoring, or other accommodations to try to facilitate your learning.

**Course Point Breakdown:**

2 Tests worth 250pts each.....	500pts
Weekly assignments .....	650pts
Quiz.....	50pts
Final Exam.....	400pts
Attendance.....	50pts

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Total Points.....1650pts

\*Missing a test or quiz without documentation for the absence will result in a zero score.

**Grade Scale:**

A	95-100%
A-	90-94.99%
B+	87-89.99%
B	84-86.99%
B-	80-83.99%
C+	77-79.99%
C	74-76.99%
C-	70-73.99%
D+	67-69.99%
D	61-66.99%
F	Less than 61%

**Tentative Schedule/Outline:**

Week	Topics	HW Due Date at midnight
Mar. 28, 29, 30, 31	Getting Started 5.1 Rules for Exponents 5.2 Zero and Negative Exponents 9.2 Rational Exponents	
Apr. 4, 5, 6, 7	6.1 Greatest Common Factor; Factoring by Grouping 8.6 Factoring Review: GCF, Grouping, Trinomials 8.7 Factoring Review: Difference of Two Squares 7.1 Simplifying Rational Expressions	HW1 due Apr. 3 <sup>rd</sup>
Apr. 11, 12, 13, 14	7.2 Multiplying & Dividing Rational Expressions 7.3 Adding & Subtracting with Like Denominators; LCD's 7.4 Adding & Subtracting with Unlike Denominators 7.5 Simplifying Complex Fractions	HW2 due Apr. 10 <sup>th</sup>
Apr. 18, 19, 20, 21	7.6 Solving Rational Equations 8.2 Functions 8.3 Graphs of Functions <b>Test 1 on Apr. 21<sup>st</sup> over Chapter 7</b>	HW3 due Apr. 17 <sup>th</sup>
Apr. 25, 26, 27, 28	8.4 Solving Compound Inequalities 8.5 Solving Absolute Value Equations & Inequalities 11.1 Algebra and Composition of Functions 11.2 Inverse Functions	HW4 due Apr. 24 <sup>th</sup>
May 2, 3, 4, 5	11.3 Exponential Functions 11.4 Logarithmic Functions 11.5 Base-e Exponential and Logarithmic Functions 11.6 Properties of Logarithms	HW5 due May 1 <sup>st</sup>
May, 9, 10, 11, 12	11.7 Exponential and Logarithmic Equations <b>Test 2 on May 11<sup>th</sup> on Chapter 11</b> <b>Review for the Final Exam</b>	HW6 due May 8 <sup>th</sup>
May 16	<b>Final Exam from 5-7pm in SCI D101</b>	HW7 due May 15 <sup>th</sup>