

Math 90 Syllabus (Spring 2022, Section 02)

Instructor: Austin Hitz

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

Class Time: M, T, W, Th: 1:00pm-1:50pm

Location: Collins Classroom Center (CCC) 212

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

Course Description: Real numbers, solving linear equations, exponents, polynomials, rational expressions. Algebra for those with low placement test scores who need practice in fundamental math skills. Does not count toward a degree.

Required Course Text: Elementary and Intermediate Algebra 5th 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 may 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.

Lab Policy: This course has a “Lab” time set aside for students to work on assignments, ask for help, seek out tutors, or utilize on campus computers. The designated “Lab” time for this course is **Wednesday 1-1:50 pm in room CCC 302**. Attending the “Lab” is required and expected since it is treated like a regular class period (and therefore counts towards attendance points). As the class becomes accustomed to the Lab time, more freedom and leniency will be allowed so long as everyone is being productive.

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) or phone (715-346-3568) for information.

Math and Science Tutoring – Spring 2022

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

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 6th floor of Albertson Hall (library) as soon as possible. DATC can be reached at 715-346-3365 or via 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:

4 Tests worth 250pts each.....	1000pts
14 weekly assignments.....	850pts
2 quizzes 25pts each.....	50pts
1 Final Exam.....	400pts
Attendance 50pts total.....	50pts

Total Points.....2350pts

*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 by midnight
Jan 24, 25, 26, 27	Introduction 1.1 Language of Algebra 1.2 Fractions 1.3 The Real Numbers	HW1 due Jan 30 th
Jan 31 Feb 1, 2, 3	1.4 Adding Real Numbers 1.5 Subtracting Real Numbers 1.6 Multiplying and Dividing Real Numbers	HW2 due Feb 6 th
Feb 7, 8, 9, 10	1.7 Exponents and Order of Operations 1.8 Algebraic Expressions 1.9 Simplifying Algebraic Expressions Using Properties of Real Numbers	HW3 due Feb 13 th
Feb 14, 15, 16, 17	2.1 Solving Equations Using the Properties of Equality 2.2 More about Solving Equations Test on Feb. 17th on Chapter 1	HW4 due Feb 20 th
Feb 21, 22, 23, 24	2.3 Applications of Percent 2.4 Formulas	HW5 due Feb 27 th
Feb 28 Mar 1, 2, 3	2.5 Problem Solving 2.6 More about Problem Solving	HW6 due Mar 6 th
Mar 7, 8, 9, 10	3.1 Graphing Using the Rectangular Coordinate System 3.2 Graphing Linear Equations Test on Mar. 10th on Chapter 2	HW7 due Mar 13 th
Mar 14, 15, 16, 17	3.3 Intercepts 5.1 Rules for Exponents Quiz on Mar. 17th on 3.1-3.3	HW8 due Mar 29 th
Mar 21, 22, 23, 24	<i>Spring Break</i> <i>No classes</i>	
Mar 28, 29, 30, 31	5.2 Zero and Negative Exponents 5.3 Scientific Notation 5.4 Polynomials	HW9 due Apr 3 rd
Apr 4, 5, 6, 7	5.5 Adding and Subtracting Polynomials 5.6 Multiplying Polynomials Quiz on April 7th on 5.1-5.4	HW10 due Apr 10 th
Apr 11, 12, 13, 14	5.7 Special Products 5.8 Dividing Polynomials Test on April 14th on Chapter 5	HW11 due Apr 17 th
Apr 18, 19, 20, 21	6.1 The Greatest Common Factor, Factoring by Grouping 6.2 Factoring Trinomials of the Form $x^2 + bx + c$ 6.3 Factoring Trinomials of the Form $ax^2 + bx + c$	HW12 due Apr 24 th

Apr 25, 26, 27, 28	6.4 Factoring Perfect-Squares Trinomials and the Difference of Two Squares 6.6 A Factoring Strategy 6.7 Solving Quadratic Equations by Factoring	HW13 due May 1 st
May 2, 3, 4, 5	Test on May 2nd on Chapter 6 10.2 The Quadratic Equation 7.1 Simplifying Rational Expressions	HW14 due May 8 th
May 9, 10, 11, 12	7.2.3 Convert Units of Measurement 7.8 Proportions and Similar Triangles Review for Final Exam	HW15 due May 15 th
May 16	Final Exam from 5-7pm in Science Building D101 Final is Cumulative and Covers All Chapters	