Math 90 Syllabus (Fall 2022; Section 2)

Class Information:

Instructor: Dr. Trisha Lamers   **Phone:** 715-346-2150   **Email:** tlamers@uwsp.edu
Office Hours: T/W 4-4:45 in CCC 236 or by appointment
Days: M,T,W,TH   **Time:** 3-3:50   **Location:** CCC 320
Primary Class Modality: Face-to-Face
Course Description: Real numbers, solving linear equations, exponents, polynomials, rational expressions. Credits do not count towards undergraduate degree.

Course Materials:

Required Course Text: Elementary and Intermediate Algebra 5th Edition, Tussy and Gustafson with WebAssign Access
Calculator: A standard or scientific calculator are allowed. Graphing calculators and phones are not allowed.
MyOpenMath: A free online homework system that will be used for student practice. This will be introduced in class

Grading Scale

Grading will be according to the following scale:

A: A (100%-94%) / A- (93%-90%)
B: B+ (89%-87%) / B (86%-84%) / B- (83%-80%)
C: C+ (79%-77%) / C (76%-74%) / C- (73%-70%)
D: D+ (69%-67%) / D (66%-64%) / D- (63%-60%)
F: 59% and lower

Grade Breakdown

Week	Weight
In-Class Work	15%
Homework	14%
Test 1*	14%
Test 2*	14%
Test 3*	14%
Test 4*	14%
Final Exam	15%
TOTAL	100%

Special Note on Tests:

- Tests (marked with asterisks above) are not final until 5pm on the day prior to the next test.
- If you would like to retest before that, you can earn a retest by attending 4 tutoring sessions.
- Contact the instructor to schedule your retest at least 2 business days prior to the deadline.

Schedule

Class	Week	Day	Class Date	Topics	Book Section
1	1	Tuesday	6-Sep	Introduction	NA
2		Wednesday	7-Sep	Language of Algebra	1.1
3		Thursday	8-Sep	Fractions	1.2
4	2	Monday	12-Sep	Fractions	1.2
5		Tuesday	13-Sep	Real Numbers	1.3
6		Wednesday	14-Sep	Adding Real Numbers	1.4
7		Thursday	15-Sep	Properties of Addition	1.4
8	3	Monday	19-Sep	½ TEST (practice) & Subtracting Real Numbers	1.5
9		Tuesday	20-Sep	Multiplying and Dividing Real Numbers	1.6
10		Wednesday	21-Sep	Multiplication and Division Properties	1.6
11		Thursday	22-Sep	Exponents & Order of Operations	1.7
12	4	Monday	26-Sep	Algebraic Expressions	1.8
13		Tuesday	27-Sep	Simplifying Algebraic Expressions	1.9
14		Wednesday	28-Sep	Solving Equations Using Properties of Equality	2.1
15		Thursday	29-Sep	Quiz & Review	Chapter 1
16	5	Monday	3-Oct	TEST 1	Chapter 1
17		Tuesday	4-Oct	More about Solving Equations	2.2
18		Wednesday	5-Oct	Applications of Percent / Formulas	2.3
19		Thursday	6-Oct	Practice - Revisit Test 1	TBD
20	6	Monday	10-Oct	Formulas	2.4
21		Tuesday	11-Oct	Problem Solving	2.5
22		Wednesday	12-Oct	More about Problem Solving	2.6
23		Thursday	13-Oct	Practice - TBD	TBD
24	7	Monday	17-Oct	Graphing Using the Rectangular Coordinate System	3.1
25		Tuesday	18-Oct	Graphing Linear Equations	3.2
26		Wednesday	19-Oct	Intercepts	3.3
27		Thursday	20-Oct	Review - Chapters 2 & 3	Chapters 2,3
28	8	Monday	24-Oct	TEST 2	Chapters 2,3
29		Tuesday	25-Oct	Rules for Exponents	5.1
30		Wednesday	26-Oct	Zero and Negative Exponents	5.2
31		Thursday	27-Oct	Practice - Revisit Test 2	TBD
32	9	Monday	31-Oct	Scientific Notation	5.3
33		Tuesday	1-Nov	Polynomials	5.4
34		Wednesday	2-Nov	Adding and Subtracting Polynomials	5.5
35		Thursday	3-Nov	Multiplying Polynomials	5.6
36	10	Monday	7-Nov	Special Products	5.7
37		Tuesday	8-Nov	Dividing Polynomials	5.8
38		Wednesday	9-Nov	The Greatest Common Factor, Factoring by Grouping	6.1
39		Thursday	10-Nov	Review - Chapter 5	Chapter 5
40	11	Monday	14-Nov	TEST 3	Chapter 5

41		Tuesday	15-Nov	Factoring Trinomials	6.2
42		Wednesday	16-Nov	Factoring Trinomials	6.3
43		Thursday	17-Nov	Factoring Practice	6.2 & 6.3
44	12	Monday	21-Nov	Factoring Perfect Squares Trinomials and the Difference of Two Squares; Factoring the sum and difference of two cubes	6.4, 6.5
45		Tuesday	22-Nov	A Factoring Strategy	6.6
46		Wednesday	23-Nov	Solving Quadratic Equations by Factoring	6.7
47	13	Monday	28-Nov	The Quadratic Equation	10.2.2
48		Tuesday	29-Nov	Simplifying Rational Expressions	7.1
49		Wednesday	30-Nov	Convert Units of Measurement	7.2.3
50		Thursday	1-Dec	Review - Chapters 6 & 10	Chapters 6 & 10
51	14	Monday	5-Dec	**TEST 4**	Chapters 6 & 10
52		Tuesday	6-Dec	Proportions and Similar Triangles	7.8
53		Wednesday	7-Dec	Chapter 7 Review	Chapter 7
54		Thursday	8-Dec	Practice - Revisit Test 4	Chapter 7
55	15	Monday	12-Dec	Review and In-Class Workshopping	Cumulative
56		Tuesday	13-Dec	Review and In-Class Workshopping	Cumulative
57		Wednesday	14-Dec	Review and In-Class Workshopping	Cumulative
58		Thursday	15-Dec	Review and In-Class Workshopping	Cumulative
59	16	Monday	19-Dec	FINAL EXAM – 5-7PM SCIENCE A202	Cumulative

- Note: Due dates are noted in Canvas – to be adjusted as needed

Course Resources:

Resource Name	What is it?	Location	Additional Information
TLC Drop-in STEM Tutoring Center	A space to hang out and do math – there are tutors there if you have questions.	CBB 190 – next to Starbucks	• FREE • Timing: approx.. 10am – 7pm M-TH; from week 2 • Check Schedule Here • **Visits here go towards earning a retest.**
TLC Individual Math Tutors	Meet weekly with your own tutor, who will assist you and challenge you to learn the material.	CCC 234	• FREE • Request a Tutor Here; starts week 3 • **Visits here go towards earning a retest.**
MathPad	A computer lab that is focused on Math 90, 95, and 107. There is a tutor available.	CCC 302	• FREE • Timing: approx.. 9am-7pm M-TH • Check schedule here • Visits DO NOT go towards a retest.
Study Hub	A space for focused study in the DUC. Certain times each week, an Academic Coach is present to assist with study skills (optional).	DUC 205	• FREE • Open all hours that the DUC is open • Staffed by an Academic Coach during these hours (check schedule) • Visits DO NOT go towards a retest.
Khan Academy	A website that gives math lessons and practice problems.	Click here to start	• FREE • Can use it anytime! • Use Does NOT go towards a retest.
2U Algebra and Problem Solving	A free website that tests you, finds your areas of strength and areas for practice and gives you practice problems designed for you.	Click here to start	• FREE • Can use it anytime! • Use Does NOT go towards a retest.