MATHEMATICS 100
Fall 2016
Jo Ellen Immel

Office 302A CCC.
Phone: 346-2754
Email: jimmel@uwsp.edu

Math Sections, Times and Location:

Section 01   8:00 – 8:50 (R, F)   302 CCC
Section 02   9:00 – 9:50 (R, F)   302 CCC
Section 03   10:00 – 10:50 (R, F)   302 CCC
Sections 1-3   9:00 (T)   213 CCC

Office Hours: 10:00-10:50(T)302A CCC

Section 05   12:00 – 12:50 (M, R)   302 CCC
Section 06   1:00 – 1:50 (M, R)   302 CCC
Section 07   2:00 – 2:50 (M ,R)   302 CCC
Sections 5-7   12:00 (T)   321 CCC

COURSE DESCRIPTION: This course has an online learning component as well as face-to-face class meetings. I will be available in a classroom setting three times a week as well as in my office (302A CCC) at posted hours. Attendance is required on Tuesday and Thursday. Your homework will be done online in WebAssign (www.webassign.net). Evaluations (in printed format or online) and other graded exercises will be done in a classroom setting and will be identified by the instructor.

COURSE CONTENT: The student will graph linear equations and inequalities, solve problems involving exponents, radicals, quadratics, and logarithms. The course will prepare for the study of exponential and logarithmic functions, their solutions and graphs.

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.

OPPORTUNITIES FOR HELP:

- **Math Tutoring Room:** A113 Science #2961, 9 am - 4 pm, 7 pm - 9 pm, Monday-Thursday
- **MathPad**: 302 CCC – Day and evening hours when an instructor or student tutor is available will be announced and posted in D2L.
- **The Learning Center Tutoring (TLC):** LRC 018 - The Tutoring-Learning Center offers individual tutoring. If you are enrolled in support services on campus such as Disability Services, Multicultural Affairs, or Student Support Services there is no fee. If you aren't enrolled in these services, one-on-one tutoring is available for a fee.

TEXT: Elementary & Intermediate Algebra, Alan S. Tussy/R. David Gustafson, Thomson Brooks/Cole, 2013, ISBN 978-1-285-54772-5

DISABILITY ACCOMMODATION: Any student who has a disability and is in need of accommodations, please contact me and the Office of Disability Services (telephone: 346-3365, disserv@uwsp.edu) as soon as possible.

ATTENDANCE: Attendance is required on Tuesday and Thursday. I will track attendance as it relates to your success. Struggling students will be expected to regularly attend class **and** open labs. Absences for serious illness, family emergencies, military duty or University sponsored activities may be excused provided you adequately notify this instructor by email prior to the intended absence or provide documentation of an emergency. Homework assignments due dates may be adjusted for excused absences. There are no make-up quizzes that are not prearranged.

GRADING: Semester grades will be assigned and posted in WebAssign using the following weighted averages:

> 20% Final Exam: (Required)
> 15% Midterm Exam
> 30% Quizzes (5)
> 25% WebAssign Homework + Extra Credit
> 10% Extra credit questions in D2L and in-class activities

Homework will be assigned each week and extra credit is available. The WebAssign assignments must be completed by the deadline dates given but if an extension is requested the student must attend lab time for it to be granted. Grades will be posted in WebAssign.

The instructor reserves the right to exercise discretion in raising a student's grade if she feels that the final weighted average does not properly reflect the quality of a student's work. The instructor will not use discretionary judgments to lower a student's final grade

A ~ 93% - 100%	**B +** ~ 87%-90%	**C +** ~ 77% - 80%	**D+** ~ 68% - 70%
A - ~ 90% - 93%	**B** ~ 83% -87%	**C** ~ 73% - 77%	**D** ~ 65% -68%
	B - ~ 80% -83	**C -** ~ 70% - 73%	**F** ~ below 65%

CALCULATORS:

You may use any four-function, scientific, or graphing calculator. Prohibited calculators are those with built-in computer algebra systems. A complete list is posted in D2L for this course. Calculators built into cellular phones or other wireless communication devices may be used for homework but are not allowed in any testing setting.

UWSP Community Bill of Rights and Responsibilities for students and UWS/UWSP Chapter 14, Student Academic Standards (academic honesty) and Disciplinary Procedures can be found at the web page link listed:
http://www.uwsp.edu/dos/Documents/CommunityRights.pdf.

Final Exam: Friday, Dec 16, 5:00 - 7:00pm

Fall 2016 Calendar – Math 90

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	SEPT 5 *LABOR DAY*	SEPT 6 1.1 Intro to the Language of Algebra	SEPT 7 Intro to WebAssign LAB 302CCC	SEPT 8 1.2 Fractions	SEPT 9
2	SEPT 12 1.2 Fractions	SEPT 13 1.3 The Real Numbers 1.4 Adding Real Numbers; Properties of Addition	SEPT 14	SEPT 15 1.5 Subtracting Real Numbers Individual Fraction Check (cont.)	SEPT 16 Last day to drop without a grade
3	SEPT 19 1.6 Multiplying and Dividing Real Numbers	SEPT 20 1.7 Exponents and Order of Operations	SEPT 21 LAB 302CCC Fraction Quiz	SEPT 22 1.8 Algebraic Expressions	SEPT 23
4	SEPT 26 1.9 Simplifying Algebraic Expressions Using Real Numbers	SEPT 27 2.1 Solving Equations Using Properties of Equality	SEPT 28 LAB 302CCC	SEPT 29 Unit 1 TEST	SEPT 30 Spring timetable is available
5	OCT 3 2.2 More about Solving Equations	OCT 4 2.3 Applications of Percent	OCT 5 LAB 302CCC	OCT 6 2.4 Formulas	OCT 7
6	OCT 10 2.5 Problem Solving	OCT 11 2.6 More about Problem Solving	OCT 12 LAB 302CCC Percent Quiz	OCT 13 3.1 Graphing in the Rectangular Coordinate System	OCT 14
7	OCT 17 3.2 Graphing Linear Equations	OCT 18 3.3 Intercepts	OCT 19 LAB 302CCC	OCT 20 5.1 Rules for Exponents	OCT 21
8	OCT 24 5.2 Zero and Negative Exponents	OCT 25 Unit 2 TEST	OCT 26 LAB 302CCC	OCT 27 5.3 Scientific Notation	OCT 28

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9	OCT 31 5.4 Polynomials Individual Exponent Check	NOV 1 5.5 Adding and Subtracting Polynomials Individual Exponent Check (Cont)	NOV 2 LAB 302CCC Exponent Quiz	NOV 3 5.6 Multiplying Polynomials	NOV 4
10	NOV 7 5.7 Special Products	NOV 8 5.8 Dividing Polynomials	NOV 9 LAB 302CCC	NOV 10 6.1 The Greatest Common Factor; Factoring by Grouping	NOV 11 Last day to drop
11	NOV 14 Test 3 Registration begins	NOV 15 6.2 Factoring Trinomials of the Form $x^2+ bx + c$	NOV 16 LAB 302CCC	NOV 17 6.3 Factoring Trinomials of the Form $ax^2+ bx + c$ (omitting grouping method)	NOV 18
12	NOV 21 6.4 Factoring Perfect Squares Trinomials and Difference of Two Squares	NOV 22 6.6 A Factoring Strategy	NOV 23 LAB 302CCC	NOV 24	NOV 25
13	NOV 28 6.7 Solving Quadratic Equations by Factoring	NOV 29 7.1 Simplifying Rational Expressions	NOV 30 LAB 302CCC	DEC 1 Test 4	DEC 2
14	DEC 5 7.2 Multiplying and Dividing Rational Expressions	DEC 6 7.3 Adding and Subtracting with Like Denominators: Least Common Denominator	DEC 7 LAB 302CCC Rational Expressions Quiz	DEC 8 7.4 Adding and Subtracting with Unlike Denominators	DEC 9
15	DEC 12 7.8 Proportions and Similar Triangles	DEC 13 Adding and subtracting with unlike denominators Check	DEC 14 Adding and subtracting with unlike denominators Check (Cont)	DEC 15 Test 5	DEC 16 Final Exam
16	DEC 19	DEC 20	DEC 21	DEC 22	DEC 23