MATHEMATICS 90

Fall 2016

Jo Ellen Immel

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Math Sections, Times and Location:	**Office Hours:**
Sec 6 Math 90 3:00 pm MTR 212 CCC	10:00 am – 10:50 am T

The section meets in 302 CCC on Wednesday

COURSE DESCRIPTION: This course meets three times a week with the instructor and attendance is expected. The class time will consist of instructor presentation and small group work. Some graded activities will be done in class but homework will be completed online through WebAssign. A UWSP student tutor will be available on Wednesday during regular class time for assistance as needed. Required quizzes will be given online on Wednesdays in the MathPad. Unit tests will be done in a classroom setting.

COURSE CONTENT: The student will study the following topics: real numbers, linear equations and inequalities, linear graphs, exponents, polynomials, and rational expressions.
Upon the successful completion of this course you will depart with the understanding that:

- Numbers and variables can be used to describe real life relationships.
- Laws and properties of algebra must be followed to maintain relationships between numbers and variables.
- Graphs provide a visual way to view and analyze relationships between variables.
- Problem solving skills allow us to approach real life problems, analyze how to solve them, and check our answers.

OPPORTUNITIES FOR HELP:

- **302 CCC on Wednesdays @ 3 with assigned tutor**
- **Math Tutoring Room:** A113 Science #2961, 9 am - 4 pm, 7 pm - 9 pm, Monday-Thursday
- **MathPad: 302 CCC –** Additional hours when an instructor or student tutor is available will be announced and posted at this site (http://www.uwsp.edu/mathsci/Pages/tutoring.aspx) , in D2L and in the classroom.
- **The Learning Center Tutoring (TLC):** LRC 018 - Math 90 students have the OPTION to also get one-on-one tutoring through the Tutoring Learning Center. If they are enrolled in support services on campus such as Disability Services, Multicultural Affairs, or Student Support Services there is no fee. If they aren't enrolled in these services, one-on-one tutoring is available for a fee. The tutor they meet with for these one-on-one sessions may or may not be the same tutor that directs the fourth day of class.

TEXT: Elementary & Intermediate Algebra, Alan S. Tussy/R. David Gustafson, Thomson Brooks/Cole, 2013, ISBN-13: 978-1-285-54772-5

ATTENDANCE: Regular attendance is required. Absences for serious illness, family emergencies, military obligations or University sponsored activities may be excused provided you adequately notify this instructor by email prior to intended absence. You are still responsible for any assignments due. Late tests or quizzes will not be given for unexcused absences.

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.

GRADING: Semester grades will be assigned using the following weighted averages:

20% Final Exam: (Required) **Wednesday, December 16, 5:00 -7:00pm**
15% Quizzes (4 or 5)
30% Tests (5)
30% WebAssign Homework + Extra Credit
5% In-class activities

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.

HOMEWORK: Homework will be assigned. These will be done through WebAssign and must be completed by the deadline dates given.

Cumulative numeric grades will be assigned alpha grades as follows:

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, December 16, 5:00- 7:00pm

Fall 2016 Calendar – Math 100

	MONDAY	***TUESDAY***	WEDNESDAY	***THURSDAY***	FRIDAY
1	SEPT 5	SEPT 6 - Course Introduction Exponents (5.1 & 5.2)	SEPT 7	SEPT 8 Exponents (5.1 & 5.2) Intro to WebAssign	SEPT 9 Open Lab
2	SEPT 12 Open Lab	SEPT 13 - Polynomials (5.4- 5.6)	SEPT 14	SEPT 15 Exponent Check Last Day to Drop without Grade	SEPT 16 Open Lab
3	SEPT 19 Open Lab	SEPT 20 - Factoring 1 (8.6) (Methods: GCF, Grouping, Trinomials)	SEPT 21	SEPT 22 QUIZ 1 Exponents and Polynomials	SEPT 23 Open Lab
4	SEPT 26 Open Lab	SEPT 27 - Factoring 2 (8.7) (Methods: Trinomials, the Difference of Two Squares)	SEPT 28	SEPT 29 Factoring (8.7) (The Sum and Difference of Two Cubes)	SEPT 30 Open Lab Spring Timetable Available
5	OCT 3 Open Lab	OCT 4- Radical Expressions & Rational Exponents (9.1 – 9.2)	OCT 5	OCT 6 QUIZ 2 Factoring	OCT 7 Open Lab
6	OCT 10 Open Lab	OCT 11 - Simplifying & Combining Radical Expressions (9.3)	OCT 12	OCT 13 Simplifying & Combining Radical Expressions (9.4)	OCT 14 Open Lab
7	OCT 17 Open Lab	OCT 18- Logarithms (11.5 & 11.7)	OCT 19	OCT 20 QUIZ 3 Rational Exponents & Radical Expressions	OCT 21 Open Lab
8	OCT24 Open Lab	OCT 25 - Linear Equations, Formulas & Linear Inequalities (8.1)	OCT 26	OCT 27 MID-TERM (9/6 - 10/18) Simplifying Algebraic Expressions	OCT 28 Open Lab

*** *** Attendance expected

	MONDAY	***TUESDAY***	WEDNESDAY	***THURSDAY***	FRIDAY
9	OCT 31 Open Lab	Nov 1 - Functions and Equations of Lines (8.2 & 8.3)	NOV 2	NOV 3 Linear Equations (8.2, 3.2 – 3.6) (Writing and Graphing Equations of Lines)	NOV 4 Open Lab
10	NOV 7 Open Lab	Nov 8- Solving Compound Inequalities(8.4)	NOV 9	NOV 10 Absolute Value Equations and Inequalities(8.5)	NOV 11 Open Lab Last Day to Drop
11	NOV 14 Open Lab Spring Registration Begins	Nov 15 - Absolute Value Equations and Inequalities (8.5) (cont.) Radical Equations (9.5 & 9.6)	NOV 16	NOV 17 QUIZ 4 Solving linear and absolute value equations/inequalities and linear functions	NOV 18 Open Lab
12	NOV 21 Open Lab	NOV 22 - Radical Equations (9.5 & 9.6) (cont.)	NOV 23	NOV 24 THANKSGIVING	NOV 25
13	NOV 28 Open Lab	NOV 29 Quadratic Equations (10.1, 10.2 & 10.3)	NOV 30	DEC 1 Quadratic Equations (10.1, 10.2 & 10.3)	DEC 2 Open Lab
14	DEC 5 Open Lab	DEC 6 - Composition & Exponential Functions (11.1 & 11.3)	DEC 7	DEC 8 QUIZ 5 Radical and quadratic equations	DEC 9 Open Lab
15	DEC 12 Open Lab	DEC 13 - Exponential & Logarithmic Functions and Equations (11.4, 11.5 & 11.8)	DEC14	DEC 15 Exponential & Logarithmic Functions and Equations (11.4, 11.5 & 11.8)	DEC 16 Final Exam 5 – 7 PM
16	DEC 19	DEC 20	DEC 17	DEC 18	DEC 19

*** *** Attendance expected