MATHEMATICS 100

Spring 2017

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)**	**321 CCC**

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

Section 05	11:00 – 11:50 (M, R)	302 CCC
Section 06	12:00 – 12:50 (M, R)	302 CCC
Section 07	1:00 – 1:50 (M, R)	302 CCC
Sections 5-7	**12:00 (T)**	**303 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+** ~ 67% - 70%
A - ~ 90% - 93%	**B** ~ 83% -87%	**C** ~ 73% - 77%	**D** ~ 63% -67%
	B - ~ 80% -83	**C -** ~ 70% - 73%	**F** ~ below 63%

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. Students must stow smart watches during tests and quizzes.

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: Monday, May 15, 5:00 - 7:00pm

Spring 2017 Calendar – Math 100

	MONDAY	***TUESDAY***	WEDNESDAY	***THURSDAY***	FRIDAY
1	JAN 23	JAN 24 Course Introduction D2L requirements Exponents (5.1 & 5.2)	JAN 25	JAN 26 Exponents (5.1 & 5.2) Intro to WebAssign	JAN 27 Open Lab – 8-11
2	JAN 30 Open Lab – 11-2	JAN 31 Polynomials (5.4- 5.7)	FEB 1 Last Day to Drop without Grade	FEB 2 Polynomials & Exponent Check	FEB 3 Open Lab – 8-11
3	FEB 6 Open Lab – 11-2	FEB 7 Factoring 1 (8.6) (Methods: GCF, Grouping, Trinomials)	FEB 8	FEB 9 QUIZ 1 Exponents and Polynomials	FEB 10 Open Lab – 8-11
4	FEB 13 Open Lab – 11-2	FEB 14 Factoring 2 (8.7) (Methods: Trinomials, the Difference of Two Squares)	FEB 15	FEB 16 Factoring (8.7) (The Sum and Difference of Two Cubes)	FEB 17 Open Lab – 8-11 Fall Timetable Available
5	FEB 20 Open Lab – 11-2	FEB 21 Radical Expressions & Rational Exponents (9.1 – 9.2)	FEB 22	FEB 23 QUIZ 2 Factoring	FEB 24 Open Lab – 8-11
6	FEB 27 Open Lab – 11-2	FEB 28 Simplifying & Combining Radical Expressions (9.3)	MAR 1	MAR 2 Simplifying & Combining Radical Expressions (9.4)	MAR 3 Open Lab – 8-11
7	MAR 6 Open Lab – 11-2	MAR 7 Logarithms (11.4 & 11.6)	MAR 8	MAR 9 QUIZ 3 Radicals	MAR 10 Open Lab – 8-11
8	MAR 13 Open Lab – 11-2	MAR 14 Linear Equations, Formulas & Linear Inequalities (8.1)	MAR 15	MAR 16 MID-TERM (1/24 – 3/2) Simplifying Algebraic Expressions	MAR 17 Open Lab – 8-11

*** *** Attendance expected

	MONDAY	***TUESDAY***	WEDNESDAY	THURSDAY	FRIDAY
9	MAR 27 Open Lab – 11-2	MAR 28 Functions and Equations of Lines(8.2 & 8.3)	MAR 29	MAR 30 Linear Equations (8.2, 3.2 – 3.6) (Writing and Graphing Equations of Lines)	MAR 31 Open Lab – 8-11
10	APR 3 Open Lab – 11-2	APR 4 Solving Compound Inequalities(8.4)	APR 5	APR 6 Absolute Value Equations and Inequalities(8.5)	APR 7 Open Lab – 8-11 Last Day to Drop
11	APR 10 Open Lab – 11-2	APR 11 Absolute Value Equations and Inequalities (8.5) (cont.)	APR 12	APR 13 QUIZ 4 Solving linear and absolute value equations/inequalities and linear functions	APR 14 Open Lab – 8-11
12	APR 17 Open Lab – 11-2 Fall Registration Begins	APR 18 Radical Equations (9.5 & 9.6)	APR 19	APR 20 Radical Equations (9.5 & 9.6)	APR 21 Open Lab – 8-11
13	APR 24 Open Lab – 11-2	APR 25 Quadratic Equations (10.1, 10.2 & 10.3)	APR 26	APR 27 Quadratic Equations (10.1, 10.2 & 10.3)	APR 28 Open Lab – 8-11
14	MAY 1 Open Lab – 11-2	MAY 2 Composition & Exponential Functions (11.1 & 11.3)	MAY 3	MAY 4 QUIZ 5 Radical and quadratic equations	MAY 5 Open Lab – 8-11
15	MAY 8 Open Lab – 11-2	MAY 9 Exponential & Logarithmic Functions and Equations (11.4, 11.5 & 11.7)	MAY 11	MAY 12 Exponential & Logarithmic Functions and Equations (11.4, 11.5 & 11.7)	MAY 13 Open Lab – 8-11
16	MAY 15 Final Exam 5 – 7 PM	MAY 16	MAY 17	MAY 18	MAY 19

*** *** Attendance expected