

MATHEMATICS 107

Spring 2018
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Math Sections, Times and Location:

Section 3	11:00 – 11:50	A112 SCI
Section 5	1:00 – 1:50	212 CCC
Section 9	4:00 - 4:50	212 CCC

Office Hours: 12:00-12:50(M-R) 302A CCC
2:00-2:50 (M-R) 302A 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 four times a week as well as in my office (302A CCC) at posted hours. Attendance is required for instruction. The homework will be done online in WebAssign (<https://www.webassign.net>). If you do not have a WebAssign account you will need to purchase a code from the book store (\$32+tax). Evaluations (in printed format or online) and other graded exercises will be done in a classroom setting.

COURSE CONTENT: Topics include: factoring, simplifying rational expressions, interval notation, solving absolute value equations, linear & compound inequalities, rules of exponents and logs, solving exponential & log equations, functional notation, evaluation of functions, inverse functions and graphs.

LEARNING OUTCOMES: Upon the successful completion of this course the student 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 is posted in D2L.

The Learning Center Tutoring (TLC): LRC 018 - The Tutoring-Learning Center offers individual tutoring. For students enrolled in support services on campus such as Disability Services, Multicultural Affairs, or Student Support Services there is no fee. Also 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: UWSP is committed to providing reasonable and appropriate accommodations to students with disabilities and temporary impairments. 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 DATC@uwsp.edu. There may be service dogs in this class. If you are allergic or fearful of dogs, contact the Disability and Assistive Technology Center.

ATTENDANCE: Attendance is required. I will track attendance as it relates to your success. Struggling students are expected to regularly attend class **and** use the MathPad for tutor help... 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 tests that are not prearranged.

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

30% Final Exam: (Required)
30% Tests (3)
30% WebAssign Homework + Extra Credit
10% Extra credit questions in D2L and in-class activities

Homework will be assigned each week and extra credit will be available. The WebAssign assignments must be completed by the deadline dates given but an extension may be granted for reduced value. 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:

Any four-function, scientific, or graphing calculator is allowed. 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: Monday, May 14, 5:00 pm in 303 CCC

Spring 2018 Calendar – Math 107

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9	Mar 19 Course Introduction WebAssign	Mar 20 Compound Inequalities 8.4 (1,2,3)	Mar 21 Compound Inequalities 8.4 (4)	Mar 22 Solving Absolute Equations & Inequalities 8.5	Mar 23
10	April 2 Exponents 5.12	April 3 Rational Exponents 9.2	April 4 Test Prep	April 5 Test 1	April 6
11	April 9 Factoring 8.6 (1&2) 6.1 (GCF, Grouping) Spring Registration Begins	April 10 Factoring 8.6 (4&6) 6.2 (Trinomials)	April 11 Factoring 8.7 (The Difference of Two Squares & Cubes) Supplemental Problems	April 12 Simplifying Rational Expressions 7.1	April 13
12	April 16 Multiplying & Dividing Rational Expressions 7.2	April 17 Adding & Subtracting Rational Expressions (like & unlike) 7.3, 7.4	April 18 Simplifying Complex Fractions 7.5	April 19 Solving Rational Equations 7.6	April 20
13	April 23 Supplemental Problems & Test Prep	April 24 Test 2	April 25 Functions 8.2 (1,2,3&4)	April 26 Functions 8.2 (5,6,7), 3.2 - 3.4	April 27
14	April 30 Functions 8.3 (13,6,7)	May 1 Algebra & Composition of Functions 11.1	May 2 Inverse Functions 11.2	May 3 Exponential & Log Functions and Equations (11.3 - 11.5)	May 4
15	May 7 Properties of Logarithms 11.6	May 8 Exponential & Logarithmic Equations 11.7	May 9 Test Prep	May 10 Test 3	May 11
16	May 14 Final Exam	May 15	May 16	May 17	May 18

