

MATHEMATICS 95

Spring 2018

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Math Sections, Times and Location:
Section 09 3:00 – 3:50 (M-R) 232 CCC

Office Hours:
12:00-12:50(M-R) 302A CCC
2:00-2:50 (M-R) 302A

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 is online in WebAssign (www.webassign.net). Evaluations (in printed format or online) and other graded exercises will be done in a classroom setting.

COURSE CONTENT: Linear equations including graphing, exponents, radicals, function notation, and quadratic equations.

LEARNING OUTCOMES: Upon the successful completion of this course the student will depart with the understanding that:

1. Algebraic expressions can be written 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. 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.

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.

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

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 are 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 in 303 CCC

Spring 2018 Calendar – Math 95

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9	Mar 19 Course Introduction WebAssign	Mar 20 Exponents 5.1	Mar 21 Exponents 5.2	Mar 22 Functions 8.2 (1,2,3&4)	Mar 23
1 0	April 2 Functions 8.2 (5), 3.2 - 3.4	April 3 Functions 8.2 (6), 3.5 & 3.6	April 4 Test Prep	April 5 Test 1 Exponents and Linear Functions	April 6
1 1	April 9 Factoring 8.6 (1&2) 6.1 (GCF, Grouping)	April 10 Factoring 8.6 (4-6), 6.2 (Trinomials, Substitution)	April 11 Factoring 8.7 (The Difference of Two Squares)	April 12 Factoring 8.7 (The Sum and Difference of Two Cubes)	April 13
1 2	April 16 Factoring Strategy 6.6	April 17 Solving Quadratic Equations by Factoring 6.7	April 18 Test Prep	April 19 Test 2 Factoring	April 20
1 3	April 23 Radical Expressions & Functions 9.1	April 24 Rational Exponents 9.2	April 25 Simplifying & Combining Radical Expressions 9.3	April 26 Multiplying & Dividing Radical Expressions 9.4	April 27
1 4	April 30 Solving Radical Equations 9.5	May 1 Geometric Applications of Radicals 9.6	May 2 The Square Root Property & Completing the Square 10.1	May 3 The Quadratic Formula 10.2 (4)	May 4
1 5	May 7 The Discriminant & Quadratic Equations 10.3 (1&2)	May 8 Test Prep	May 9 Test 3 Radicals & Quadratic Equations	May 10 Final Review	May 11
1 6	May 14 Final Exam	May 15	May 16	May 17	May 18

