Department of Mathematical Sciences

University of Wisconsin
Stevens Point

MATH 95 Intermediate Algebra

Spring 2019 Syllabus - 2 credits (8 weeks)

Section 02/03/9

Instructor:	Deema Fathi Allan	Office Hours:	10:00 AM – 11:00 AM Mon, Tues, **Note:** Additional office hours can be scheduled by appointments.
Office:	D260- Science Building		
Phone:	715-346-4222	Class Time & Place:	Monday – Thursday 9:00 AM – 9:50 AM
E-mail:	dallan@uwsp.edu	Final Exam Time & Location:	March 14th, 2018 5:00 PM-7:00 PM

Prerequisite: *Math90 and/or Placement Test Score*

Textbook: *Elementary and Intermediate Algebra 5th edition, by Alan S. Tussy and R. David Gustafson.*

Course Description: This course is designed to prepare students for Math 107 and excel in the following Topics: basic properties of the real numbers; introductory algebraic techniques for simplifying expressions, solving linear equations, exponents, factoring, fractions; problem solving; the concept of graphing equations in two variables. Real-world applications.

Course Objectives and Learning Outcomes: Students who successfully complete this course will be able to:

- Solve linear equations, inequalities, and their applications.
- Understand and differentiate between the various exponential rules.
- Use the properties of exponents and perform operations using scientific notation.
- Add, subtract, divide and multiply polynomials.
- Factoring methods to solve quadratic equations.
- Understand functions, radicals and rational expressions.

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MathPad: CCC-302, MathPad is both a classroom and tutoring lab for students enrolled in MATH 90/ 95/ 107 courses.

Calculators: Students must have any four-function, scientific, or graphing calculator for this class, except calculators including pocket organizers, handheld or laptop computers, electronic writing pads or pen-input devices (the Sharp EL 9600 is permitted), calculators built into cellular phones or other wireless communication devices, calculators with a typewriter keypad with keys in QWERTY format (calculators with letter keys not in QWERTY format are permitted), calculators with built-in computer algebra systems, prohibited calculators in this category include: Casio: Algebra fx 2.0, ClassPad 300, and all model numbers that begin with CFX-9970G, Texas Instruments: All model numbers that begin with TI-89 or TI-92, and TI-Nspire CAS, Hewlett-Packard: hp 48GII and all model numbers that begin with hp 40G or hp 49G.

Exam Make-Up Policy: There will be no Make-up Quizzes or Exams with the exception of documented emergencies or pre-arranged university approved functions. If you know you will miss an exam you must notify your instructor at least 24 hours before the exam. If you will have to reschedule an exam due to a university-approved and documented outing, please notify your instructor during the first week of class.

Attendance Policy: Attendance will be taken in every class and students are expected to make the effort to not miss any lecture except when serious reasons occur; illness, family emergencies or any other university sponsored activities and then only student may be excused upon notifying the instructor prior to the class by e-mail or providing documentation of an emergency.

Additional information: Final exam is common to all sections and will be graded uniformly. Homework, quizzes and tests are set up and graded by instructors for their own sections. A quiz consists of up to Three exercises testing students on the most recently covered material. Quizzes take up to 20 minutes to complete.

Students Evaluation:

Evaluation	Explanation	Weight	Date	Time	Material	Location
Homework	Daily	20%	TBA	Class Time	TBA	In Class/ WEBASSIGN
Quizzes	3 quizzes	15% (5% each)	TBA	Class Time	TBA	In Class/ WEBASSIGN
Tests	3 Tests	45% (15% each)	TBA	Class Time	TBA	In Class/ WEBASSIGN
Final Exam	-	20%	March 15th 2018	5:00 PM – 7:00 PM	Comprehensive	TBA

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Grading System:

Percentage	Letter grade
93 – 100	A
90 – 92	A-
87 – 89	B+
83 – 86	B
80 – 82	B-
77 – 79	C+
73 – 76	C
70 – 72	C-
68 – 69	D+
65 – 67	D
Below 65	F

Miscellaneous: Please turn off cell phones, iPhones, notebook computers, etc.… before class. Any behavior that may disrupt the learning environment will not be tolerated. Texting in class will not be tolerated. Please be considerate of your fellow students and instructor.

UW-Stevens Point policies related to Harassment, Discrimination and Retaliation Prevention:

The University of Wisconsin-Stevens Point (UWSP) is committed to fostering an environment that is safe and respectful to students and employees. The UWSP policies regarding Harassment, Discrimination and Retaliation Prevention can be found in the below link: Harassment, Discrimination, and Retaliation Prevention webpage.

Harassment, Discrimination, and Retaliation Prevention webpage.

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COVERED TOPICS

Week	Section	Material to be Covered
1	5.1	Rules for Exponents
	5.2	Zero and Negative Exponents
2	8.2	Functions *(Refer to 3.2-3.4)*
	8.6	Review of Factoring Method: GCF, Grouping, Trinomials *(Refer to 6.1, 6.2)*
3	8.7	Review of Factoring Methods; The Difference of Two Squares; the Sum and Difference of Two Cubes
	6.6	A Factoring Strategy
4	6.7	Solving Quadratic Equations by Factoring
	9.1	Radical Expressions and Radical Functions
5	9.2	Rational Exponents.
	9.3	Simplifying and Combining Radical Expressions
6	9.4	Multiplying and Dividing Radical Expressions
	9.5	Solving Radical Equations
7	9.6	Geometric Applications of Radicals
	10.1	The Square Root Property and Completing the Square
8	10.2	The Quadratic Formula
	10.3	The Discriminant and Equations That Can Be Written in Quadratic Form

Tutoring-Learning Center (TLC) Spring 2019 Support

The Department of Mathematical Sciences and the Tutoring-Learning Center (TLC) offer free drop-in and group tutoring to support you in your math classes. In addition, the TLC offers the option for individual math tutoring sessions. The tutors are UWSP students who have done well in their classes and who are here to share their successful study habits and math content knowledge to help others succeed. Discussing mathematical concepts and practicing problems together clarifies and solidifies knowledge, and the tutors are eager to study with you. If you have questions about the schedules or would like to make an appointment, please visit the TLC in ALB 018 (library basement), email (tlctutor@uwsp.edu), or call (715) 346-3568 for information.

Math and Science Tutoring – Spring 2019

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What	Details	Schedule	Cost
Drop-In Tutoring Center	DUC 205	https://www.uwsp.edu/tlc/Pages/dropInTutoring.aspx	Free
Group Tutoring	Based on course section	https://www.uwsp.edu/tlc/Pages/schedules.aspx	Free
One-on-One Tutoring	By appointment	Visit ALB 018 (library basement) to make a request. https://www.uwsp.edu/tlc/Pages/CA-tutoring.aspx	$9.00/session* *Fee waived for students listed as low-income
Math Room	SCI A113A	https://www.uwsp.edu/mathsci/Pages/tutoring.aspx	Free
MathPad *Math 90, 95, 107 only*	CCC 302	https://www.uwsp.edu/mathsci/Pages/tutoring.aspx	Free
Physics Room	SCI A105	https://www.uwsp.edu/physastr/Pages/Tutoring.aspx	Free

SPRING SEMESTER 2019 - DEEMA FATHI ALLAN

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 AM	Math 95 Sec 09	Math 95 Sec 09	Math 95 Sec 09	Math 95 Sec 09	
9:00 AM	Math 95 Sec 02	Math 95 Sec 02	Math 95 Sec 02	Math 95 Sec 02	
10:00 AM	OFFICE	OFFICE			
11:00 AM	Math 95 Sec 03	Math 95 Sec 03	Math 95 Sec 03	Math 95 Sec 03	
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					