

MATH 107 (Section 3) Fall 18

Class Meetings: Monday, Tuesday, Thursday, and Friday 10:00-10:50 (Sci A 210)

Instructor: Dr. Sinan Kanbir

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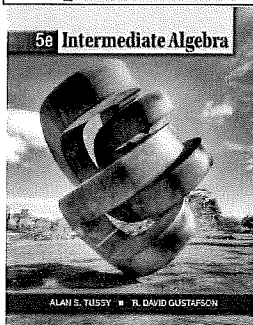
Office Hours: Monday 9:00-10:00 am & Thursday 11:00 pm 12:00 pm or by appointment

Course Description:

College Algebra: 2 cr. Factoring and simplifying rational expressions, interval notation, solving absolute value equations, linear inequalities, rules of exponents and logs, solving exponential equations, functional notation, evaluation of functions and graphs. Prereq: Math 95 or suitable placement test.

Course Learning Outcomes:

This course is designed to provide content background for students preparing to take some pre-advanced and advanced levels mathematics (Math 118, etc.).

Required Textbook/Resources:

Tussy, A. S., & Gustafson, R. D. (5th Ed). Elementary and Intermediate Algebra.

Available from UWSP Text Rental.

Topics are taken from Chapters 5,7, 8, and 11 of the textbook.

Other Resources/Materials

Web Assign: Will use this online homework platform on weekly bases [Twice a week-Monday/Wednesday]. You need to buy its code separately from the Bookstore.

Calculators: Calculators: You may use any four-function, scientific, or graphing calculator, 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). 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. Calculators which have been modified such as calculators with paper tape (remove the tape), calculators that make noise (turn off the sound feature), calculators that can communicate wirelessly with other calculators (completely cover the infrared data port with heavy opaque material, such as duct tape or electrician's tape (includes

Hewlett-Packard HP-38G series and HP-48G)). **Cell phones are not allowed during exams or quizzes, so you cannot use its calculator.**

Course Structure and Tentative Requirements

Attendance: You are expected to attend **ALL** classes. All tests are to be taken when scheduled and homework is due when indicated. **ANY exceptions must be arranged in advance.** If you are absent **5 classes** or more, your course grade will be “F.”

There will be no make-up exam with the possible exception of unforeseen emergencies (decided by instructor). If there is an emergency, the student must provide official written documentation and the make-up exam must be arranged within 5 calendar days. (This should be done through the Dean of Students or the Disability and Assistive Technology Center). Further, you are responsible for making sure that you have copies of **all** material distributed in class, announcements made in class, and content covered in class. **(Ask your friend to collect class works and assignments - try not to ask me to send materials)**

WARNING: Makeup tests and quizzes may be more difficult than scheduled assessment.

Web-Assign Assignments (70 points): The quick start guide will be provided to help you start using *Web Assign*. Online assignments will be evaluated and reflected on a weekly base.

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Weekly Quizzes (60 points): There will be quick weekly evaluations (20 minutes) based on a weeklong topics (e.g., Web Assign, HW, and in-class materials).

Quizzes (40 points): There will be **two** In-Class quizzes scheduled two times in 8-week period. These evaluations will comprise one entire 50-minute class period.

Mid-Term Exam (40 points): It will cover the first half of this semester’s topics and will comprise one entire 50-minute class period. Study guide will also be provided.

Final Examination (90 points): The final examination time will be during finals week, which is 12/19/2018. (More information about the content will be provided.)

E. Grading

This 4-credit hour class requires 6–8 hours of outside of class study per week. Make sure that you schedule and put in those hours consistently throughout the semester. Your course grade will be calculated on a percentage basis (number of points earned out of number possible) and assigned a corresponding letter:

94-100% = A	90- 93 % = A-	
87-89% = B+	83-86% = B	80-82% = B-
76-79% = C+	73-75% = C	70-72% = C-
68-69% = D+	65-67% = D	
Less than 64% = F		

I will not use any kind of judgments to lower a student’s final grade.

MATH 107 Point Distribution (Dr. Kanbir)

Evaluation Item	Points (Max)	Note
Web Assigns	80	Weekly computer base assignments
Weekly Quizzes	40	Monday_20 mins quick weekly class + WA materials \approx 4 times
Quizzes	50	Chapter base evaluations -2 times
Mid-Term Exam	40	First half evaluations
Final	90	Comprehensive
Total	300	

In-Class Evaluations and Mid-Term Exam Dates

In-Class Evaluation 1:

Mid-Term Exam:

In-Class Evaluation 2:

- All of this requires a level of focus that cannot be obtained while you are using your cell phone (including texting, social networking, playing games or browsing the internet) or Reading other material (including preparing for other classes). The use of a cell phone (which includes texting), reading other materials, and other unproductive and disruptive behaviors are considered unprofessional. **Cell phones must be out of sight.**
- During the designated class time (10:00-10:50), all electronic devices (i.e., headphones, laptops, and cellphones) must be out of sight.
- Activities such as talking or leaving the classroom while class is in session should be avoided.
- Any student needing to arrange a reasonable accommodation for a documented disability should contact Disability Concerns at 715-346-3365 or emailing datctr@uwsp.edu and/or by completing the <http://www.uwsp.edu/disability/Documents/Request%20for%20Services.pdf>
For more information, check out the Assistive Technology website.
<http://www.uwsp.edu/assistive/Pages/default.aspx>

Week	Section	Topics	Test
Week 1_30 Oct_2 Nov	8.4	Solving compound inequalities	
	8.5	Solving absolute value equations	Weekly Quiz
Week 2 Nov 5_9	5.1	Properties of Exponents	
	5.2	Negative Exponents	
	9.2	Rational Exponents	
	6.1	Greatest Common Factor; Factoring by Grouping	QUIZ 1_Nov 9
Week 3 Nov 12_16	8.6	Review of Factoring Methods: GCF, Grouping, Trinomials	
	8.7	Review of Factoring Methods: The Difference of Two Squares	
	7.1	Simplifying Rational Expressions	
	7.2	Multiplying and Dividing Rational Expressions	Weekly Quiz
Week 4 Nov 19_23	7.3	Adding and Subtracting with Like Denominators; Least Common Denominators	
	7.4	Adding and Subtracting with Unlike Denominators	
	7.5	Simplifying Complex Fractions	Mid-Term_Nov 20
Week 5 Nov 26_30	7.6	Solving Rational Equations	
	8.2	Functions	
	8.3	Graphs of Functions	
	11.1	Algebra and Composition of Functions	Weekly Quiz
Week 6 Dec 3_7	11.2	Inverse Functions	
	11.3	Exponential Functions	
	11.4	Logarithmic Functions	QUIZ 2_Dec 7
Week 7 Dec 10_14	11.5	Base- <i>e</i> Exponential and Logarithmic Functions	
	11.6	Properties of Logarithms	
	11.7	Exponential and Logarithmic Equations	

Final: 12/17/2018 @5pm