

MATH 95 (Section 7) Fall 19

Class Meetings: Monday, Tuesday, Wednesday, and Thursday 15:00-15:50 (Sci A 225)

Instructor: Dr. Sinan Kanbir

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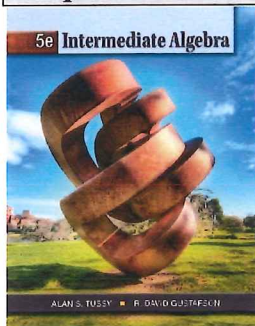
Office Hours: Wednesday 14:00-14:50 pm & Monday 14:00- 14:50 pm (online via zoom)

Course Description:

MATH 95. Intermediate Algebra. 2 cr. Linear equations including graphing, exponents, radicals, function notation, and quadratic equations. Prereq: 90 or suitable placement test score.

Course Learning Outcomes:

This course is designed to provide content background for students preparing to take some intermediate levels mathematics (Math 107, 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 5,6,8,9 and 10 of the textbook.

Other Resources/Materials

Web Assign: Will use this online homework platform on weekly bases [Twice a week- Monday/Wednesday]. I will provide a WebAssign Code.

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 **6 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.

CODE: uwsp 8189 0979

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

Quiz (30 points): There will be **one** In-Class quiz scheduled in 8-week period. This evaluation will comprise one entire 50-minute class period.

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

Final Examination (90 points): The final examination time will be in the last week of this course, which will take place **10/24/2019**. **You'll need to score at least a 50% on the final exam in order to calculate your overall course grade. Another word, you must score at least 45 points out of 90 final points.**

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 95 Point Distribution (Dr. Kanbir)

Evaluation Item	Points (Max)	Note
Web Assign	70	Weekly computer- based assignments
Weekly Quizzes	60	Monday_20 mins weekly class + WA materials \approx 6 times
Quiz	30	Chapter based evaluation
Mid-Term Exam	50	First half evaluations
Final	90	Comprehensive course multiple choice common exam
Total	300	

Quiz and Mid-Term Exam Dates

Quiz: September 23

Mid-Term Exam: October 10

Final: October 24

- 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, 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>

Chapter 5

5.1 Rules for Exponents

5.2 Zero and Negative Exponents

Chapter 8

8.2 Functions (Refer to Ch 3.4-3.6 for more depth in writing linear equations.)

8.6 Review of Factoring Methods: GCF, Grouping, Trinomials

8.7 Review of Factoring Methods: The Difference of Two Squares;

the Sum and Difference of Two Cubes

Chapter 6

6.6 A Factoring Strategy

6.7 Solving Quadratic Equations by Factoring

Chapter 9

9.1 Radical Expressions and Radical Functions

9.2 Rational Exponents

9.3 Simplifying and Combining Radical Expressions

9.4 Multiplying and Dividing Radical Expressions

9.5 Solving Radical Equations

9.6 Geometric Applications of Radicals

Chapter 10

10.1 The Square Root Property and Completing the Square

10.2 The Quadratic Formula

10.3 The Discriminant and Equations That Can Be Written in Quadratic Form