South Plains College
Mathematics, Engineering, & Computer Science Department
Foundations for Algebra – MATH 0305.605
Monday & Wednesday: 5:30pm – 6:45pm
Course Syllabus - Fall 2025

Instructor: Jake Wyatt
Office: M110 (mathematics building)
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Email: jwyatt@southplainscollege.edu
Office Hours (Levelland Campus): M & W: 3-4:30, F: 9-12, and by appointment.
Office Hours (Lubbock Campus): T & R: 6-7pm, and by appointment.

Course Description: MATH 0305 is the study of fundamental mathematical principles and concepts.

Credit: 3 Semester Credit Hours

Prerequisites: TSI eligible.

Textbook: None Required; Optional: Pre-Algebra 2e, free access at openstax.org.

Attendance: Attendance and effort are important for success in this course. Class attendance may be taken at any time during the class period, so please do not arrive late or leave early.

Class Format: 5:30 – 5:45   Questions from Students
                    5:45 – 6:25   Lecture
                    6:25 – 6:45   Lab Assignment

Lab Assignments: Lab assignments (labs) are short worksheets to be completed in class. The lab consists of problems related to the lecture. If the lab cannot be completed by 6:45, then an extension without penalty will be granted. However, if a student leaves early before completing the lab, no extension will be granted and he or she must turn in the incomplete lab before leaving. Make-up labs are only permitted in the case of an excused absence. Group work is encouraged during labs.

Homework: Homework will be assigned at each class meeting but will not be graded until exam day.
                    Format for all homework assignments:
                    1. Copy the given problem on your own paper.
                    2. Solve showing all the necessary work.
                    3. Clearly mark your answer.
                    4. Check your answer with the answer key to make certain you are practicing correctly.

Notebook: You are required to maintain a 3-ring binder with four dividers, labeled: Notes, Homework, Lab Assignments, & Exams. Your notebook will be collected on exam days and will be graded for completeness and neatness.

Supplementary Information: The course syllabus, schedule, grades, and additional information can be accessed through Blackboard, the online course management system for this course. Please email questions regarding Blackboard support to blackboard@southplainscollege.edu.

Tutoring: One hour per week of tutoring lab attendance is required throughout the semester. Please use the Penji app to record your attendance. Contact Dalila Gonzales: (806) 716-2241 or dgonzales@southplainscollege.edu for more information.

Grading: Tutoring: 10%
                  Notebook: 10%
                  Lab Assignments: 10%
                  2 Exams: 20% each
                  Final Exam: 30%
Note: Your lowest exam score will be replaced with your final exam score, provided the latter is higher.
Your final average in the course will determine the letter grade posted on your transcript. This grade is determined by the following scale. A(90-100%), B(80-89%), C(70-79%), D(60-69%), F(0-59%).

Calculators: Calculators, computers, and cell phones are prohibited in this course.

Foundations for Algebra Course Outline
MATH 0305.605 (MW 5:30 – 6:45pm)
Fall 2025

Week	Date	Topic	Assignment
1	Aug 25 – M	Adding & Subtracting Whole Numbers	1
	Aug 27 – W	Multiplying & Dividing Whole Numbers	2
2	Sep 1– M	*Labor Day Holiday – no class*	
	Sep 3 – W	Introduction to Integers	3
3	Sep 8 – M	Multiplying & Dividing Integers	4
	Sep 10 – W	Evaluating Exponents, Prime Factoring, & Square Roots	5
4	Sep 15 – M	Greatest Common Factor (GCF) Least Common Multiple (LCM)	6
	Sep 17 – W	Introduction to Fractions	7
5	Sep 22 – M	Adding & Subtracting Fractions, Mixed Numbers	8
	Sep 24 – W	Review for Exam 1	
6	Sep 29 – M	**Exam 1 (20%)**	
	Oct 1 – W	Intro. to Decimals, Adding & Subtracting Decimals	9
7	Oct 6 – M	Multiplying & Dividing Decimals	10
	Oct 8 – W	Introduction to Percent, Conversions: Fractions, Decimals & Percent	11
8	Oct 13 – M	Order of Operations	12
	Oct 15 – W	Evaluating Algebraic Expressions	13
	Oct 17 – F	*SPC Fall Break – No Office Hours*	
9	Oct 20 – M	Solving Linear Equations Part 1	14
	Oct 22 – W	Solving Linear Equations Part 2	15
10	Oct 27 – M	Applications of Linear Equations	16
	Oct 29 – W	Solving Linear Inequalities	17
11	Nov 3 – M	Review for Exam 2	
	Nov 5 – W	**Exam 2 (20%)**	
	Nov 7 – F	*Registration Opens for Spring*	
12	Nov 10 – M	Rules of Exponents Part 1	18
	Nov 12 – W	Rules of Exponents Part 2	19
13	Nov 17 – M	Complex Numbers	20
	Nov 19 – W	Intro. to Polynomials	21
14	Nov 24 – M	Coordinate Plane Basics	22
	Nov 26 – W	Graphing Linear Equations	23
	Nov 27 – R	*Thanksgiving Holiday*	
	Nov 28 – F	*Thanksgiving Holiday – No Office Hours*	
15	Dec 1 – M	Intro to Lines & Slope	24
	Dec 3 – W	Review for Comprehensive Final	
16	Dec 8 – M 5:00 – 7:00pm	**Final Exam (30%)**	

Note: The instructor reserves the right to modify the course syllabus and schedule, as well as notify students of any changes, at any point during the semester.