South Plains College
Common Course Syllabus: MATH 0315
Revised December 2019

Department: Mathematics, Engineering, and Computer Science

Discipline: Mathematics

Course Number: MATH 0315

Course Title: Beginning Algebra

Available Formats: conventional and internet

Campuses: Levelland, Reese, Plainview, and Lubbock Center

Course Description: This course is designed for those students who need MATH 0314 or MATH 0324 and did not score a minimum of 340 on the TSIA. It includes properties of signed numbers, algebraic expressions, linear equations in one unknown and geometry. Time in a math lab is required. This course will not satisfy graduation requirements. The course is required if testing indicates a need.

Prerequisite: Maximum score of 339 on TSIA without an ABE score or a successful completion of NCBM 0105.

Credit: 3 **Lecture:** 3 **Lab:** 1

Textbook: *Elementary and Intermediate Algebra*, Sullivan/Struve/Mazzarella, 2018, 4th Edition, Prentice Hall/Pearson Education

Supplies: Please see the instructor's course information sheet for specific supplies.

This course partially satisfies a Core Curriculum Requirement: No

Student Learning Outcomes: Upon completion of this course and receiving a passing grade, the student will be able to:

1. Add, subtract, multiply and divide real numbers.
2. Use the order of operations to simplify an expression.
3. Simplify algebraic expressions.
4. Solve linear equations.
5. Translate and solve word problems.
6. Solve linear inequalities.
7. Graph equations in two variables by the intercept method and the slope intercept method.
8. Evaluate expressions using exponent rules.
9. Add, subtract, multiply and divide polynomials.
10. Factor polynomials.
11. Solve quadratic equations by factoring.

Student Learning Outcomes Assessment: None

Course Evaluation: There will be a comprehensive departmental final exam given by all instructors.

Attendance Policy: Attendance and effort are the most important activities for success in this course. Records of your attendance are maintained throughout the semester. Five (5) absences, *for any reason*, are allotted to the student for the semester. Tardies count as one-half (1/2) of an absence. Tardies will be applied for consistently being late to class, as deemed by the instructor and leaving class early. If this number is exceeded, the instructor has the right to drop you with a grade of F or an X, depending on their discretion.

Plagiarism violations include, but are not limited to, the following:
1. Turning in a paper that has been purchased, borrowed, or downloaded from another student, an online term paper site, or a mail order term paper mill;
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.

Cheating violations include, but are not limited to, the following:
1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain an unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

Student Code of Conduct Policy: Any successful learning experience requires mutual respect on the part of the student and the instructor. Neither instructor nor student should be subject to others' behavior that is rude, disruptive, intimidating, aggressive, or demeaning. Student conduct that disrupts the learning process or is deemed disrespectful or threatening shall not be tolerated and may lead to disciplinary action and/or removal from class.

Diversity Statement: In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disability Statement: Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For

more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Nondiscrimination Policy: South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement: If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

Campus Concealed Carry: Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: http://www.southplainscollege.edu/campuscarry.php
Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

SPC Bookstore Price Match Guarantee Policy: If you find a lower price on a textbook, the South Plains College bookstore will match that price. The difference will be given to the student on a bookstore gift certificate! The gift certificate can be spent on anything in the store.

If students have already purchased textbooks and then find a better price later, the South Plains College bookstore will price match through the first week of the semester. The student must have a copy of the receipt and the book has to be in stock at the competition at the time of the price match.

The South Plains College bookstore will happily price match BN.com & books on Amazon noted as *ships from and sold by Amazon.com*. Online marketplaces such as *Other Sellers* on Amazon, Amazon's Warehouse Deals, *fulfilled by* Amazon, BN.com Marketplace, and peer-to-peer pricing are not eligible. They will price match the exact textbook, in the same edition and format, including all accompanying materials, like workbooks and CDs.

A textbook is only eligible for price match if it is in stock on a competitor's website at time of the price match request. Additional membership discounts and offers cannot be applied to the student's refund.

Price matching is only available on in-store purchases.   Digital books, access codes sold via publisher sites, rentals and special orders are not eligible. Only one price match per title per customer is allowed.

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

MATH 0315 – Beginning Algebra
Spring 2020

Instructor: Jerod Clopton   **Section:** 002
Office: M102   **Class Time:** MW 11:00 – 12:45
Email: jclopton@southplainscollege.edu   **Location:** M124
Phone: 806-716-2738

Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
10:15 - 11:00	9:30 - 10:00	10:15 - 11:00	9:30 - 10:00	10:00 - 12:00
2:00 - 3:00	2:15 - 3:00	2:00 - 3:00	2:15 - 3:00	
Or by appointment				

Textbook: No textbook is required for the section of Math 0315.

Supplies: Pencils, notebook, lined sheets of notebook paper, 3-ring binder. Calculators are not required for this course. Note that there will be assignments and assessments where calculators will not be allowed. Graphing calculators, calculators on cellphones, or any other electronic devises will not be allowed during in class assignments or assessments.

Assignments and Grading: All homework assignments with be administered through Knewton or made available in class or as a PDF in Blackboard. For homework through Knewton, do all your work in a notebook in an organized manner; writing down each problem, showing all work, and clearly identifying your answer. Keep all class materials (syllabus, notes, handouts, quizzes, exams) in a 3-ring binder. Your binder and notebook are subject to be turned in at any time for grading. Make sure that you bring all class material with you to class. Homework average and binder / notebook checks will account for 10% of your final grade. Quizzes will be administered at any time during the semester. Your quiz average will account for 10% of your final grade, while all exams will count for 80% of your final grade. Expect to have 4 major exams (15% each) throughout the course and a comprehensive final exam (20%) at the end of the course. No make-up exams will be given. The grade from your final exam will replace your lowest exam grade, provided that the grade from the final exam is greater than your lowest exam grade. 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%).

Knewton: Knewton is the online platform for which homework assignments with be administered. Instructions for accessing Knewton will be made available in class.

Blackboard: Blackboard is the online course management system that will be utilized for this course. This course syllabus, as well as any class handouts, and Knewton assignments can be accessed through Blackboard. Login at https://southplainscollege.blackboard.com/. The user name and password should be the same as the MySPC and SPC email.
> User name: first initial, last name, and last 4 digits of the Student ID Password: Original CampusConnect Pin No. (found on SPC acceptance letter)

Resources:
- Free tutoring is available in M116 on the Levelland campus. Hours for the tutors will be posted there.
- A copy of the textbook for this course is available in the Levelland and Reese Campus libraries
- Exam reviews, exam and quiz solutions, links to additional online resources, will be posted in Blackboard

Use of Electronic Devices: Turn off all electronic devices before class. The use of cell phones, music players, smart watches (other than checking time), pagers, personal computers, tablets, etc., will not be tolerated. If consistent violation of this policy persists then consequences will be administered. If an unsanctioned devise is in use during an exam, then its grade will be zero percent (0%) and removal from the course may be applied. During class time where we are in a computer lab, working on Knewton assignments, you may use your own laptop computer or tablet to access Knewton. Any use other than accessing Knewton of a lab computer, laptop computer, or tablet will be allowed.

Disclaimer: The instructor reserves the right to alter any class policies/dates as deemed necessary and will announce any changes in class.

Math0315 Tentative Course Schedule for Spring 2020

Week	Date	Topics (●) and Corresponding Knewton Assignments (-)

1	Mon, Jan 13	● Introduction
		● Language of Algebra
		   - 1.1: Order of Operations and Simplifying Expressions
		   - 1.2: Introduction to Integers and Absolute Value

	Wed, Jan15	● Operations with Integers
		   - 1.3: Adding and Subtracting Integers
		   - 1.4: Multiplying and Dividing Integers
		   - 1.5: Simplifying Expressions with Integers

2	**Mon, Jan 20**	**No Class (Martin Luther King Holiday)**

	Wed, Jan 22	● Operations with Fractions: Part 1
		   - 1.6: Simplifying Fractions
		   - 1.7: Multiplying and Dividing Fractions

3	Mon, Jan 27	● Operations with Fractions: Part 2
		   - 1.8: Understanding Expressions with Fractions
		   - 1.9: Adding and Subtracting Fractions

	Wed, Jan 29	● More Fractions, Decimals and The Distributive Property
		   - 1.10: Algebraic Expressions with Fractions
		   - 1.11: Operations with Decimals
		   - 1.12: The Distributive Property

4	Mon, Feb 3	● Operations with Polynomials - 1.13: Adding and Subtracting Polynomials

	Wed, Feb 5	● Solving Linear Equations
		   - 2.1: Solve Equations with the Subtraction and Addition Properties of Equality
		   - 2.2: Solve Equations with the Division and Multiplication Properties of Equality

5	**Mon, Feb 10**	**Exam 1**

	Wed, Feb 12	● Solving Linear Equations
		   - 2.3: Solving Linear Equations
		   - 2.4: General Strategies for Solving Linear Equations
		   - 2.5: Solving Linear Equations with Fractions
		   - 2.6: Solve Linear Equation with Decimals

6	Mon, Feb 17	● Solving Linear Inequalities
		   - 2.7: Inequalities, the Number Line, and Interval Notation
		   - 2.8: Solving One-Step Linear Inequalities
		   - 2.9: Solving Linear Inequalities
		   - 2.10: Solving Compound Inequalities

	Wed, Feb 19	● Multiplying Polynomials
		   - 2.11: Product Property of Exponents
		   - 2.12: Multiplying Polynomials
		   - 2.13: Special Products of Binomials

7	Mon, Feb 24	● Dividing Polynomials
		   - 2.14: Negative Exponents
		   - 2.15: Quotient Properties of Exponents
		   - 2.16: Dividing Polynomials

	Wed, Feb 26	• Factoring: Part 1
		   - 3.1: The Greatest Common Factor and Factoring by Grouping
		   - 3.2: Factoring Trinomials with a Leading Coefficient of 1

8	**Mon, Mar 2**	**Exam 2**

	Wed, Mar 4	• Factoring: Part 2
		   - 3.3: Factoring Trinomials with a Leading Coefficient Other than 1
		   - 3.4: Factoring Special Products

9	Mon, Mar 9	• Factoring Review and Solving Quadratic Equations
		   - 3.5: Choosing a Factoring Strategy
		   - 3.6: Solving Quadratic Equations by Factoring

	Wed, Mar 11	• Into to Graphing
		   - 3.7: Reading Graphs and the Rectangular Coordinate System
		   - 3.8: Graphing Linear Equations
		   - 3.9: Understanding Slope

	Mon, Mar 16	**No Class (Spring Break)**
	Wed, Mar 18	**No Class (Spring Break)**

10	Mon, Mar 23	• Slope and Equations of Lines
		   - 3.10: The Slope Formula
		   - 3.11: Slope-Intercept Form
		   - 3.12: Equations of Lines

	Wed, Mar 25	TBA
11	**Mon, Mar 30**	**Exam 3**

	Wed, Apr 1	• Parallel and Perpendicular Line and Intercepts
		   - 4.1: Parallel and Perpendicular Lines
		   - 4.2: Equations of Parallel and Perpendicular Lines
		   - 4.3: Intercepts and the Coordinate Plane

12	Mon, Apr 6	• Solving Systems of Equations - 4.4: Solving Systems of Two Linear Equations by Graphing
	Wed, Apr 8	• Solving Systems of Equations - 4.5: Solving Systems of Two Linear Equations by Substitution and Addition
13	**Mon, Apr 13**	**No Class (Easter Holiday)**
	Wed, Apr 15	TBA
14	**Mon, Apr 20**	**Exam 4**

	Wed, Apr 22	• Application Problems: Part 1
		   - 5.1: Rewrite English Phrases into Algebraic Expressions
		   - 5.2: Application Problems and the Properties of Equality

15	Mon, Apr 27	• Application Problems: Part 2
		   - 5.3: Percent Problems and Percent Increase and Decrease
		   - 5.4: Uniform Motion

	Wed, Apr 29	Final Exam Review Session
16	**Mon, May 4**	**Final Exam: 10:15 - 12:15**