

**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, 4<sup>th</sup> 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](mailto: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.



### **Online Quiz**

Weekly Quizzes will be assigned through Blackboard. Quizzes contain material pertaining to Homework Assignments and Lecture Videos. Similar questions from the Quiz will show up on Examinations. Each Quiz will be timed for 60 minutes with only **one (1)** attempt. Students are expected to upload their full hand written work on Blackboard before submitting the Quiz. No make-up quizzes will be given under any circumstances.

### **Examinations**

Examinations will be available online through Blackboard from 8:00 AM to 11:59 PM on the specified dates from the course itinerary. Each exam will cover material from Homework, Quizzes, and Lectures and will be a combination of open answer, fill in the box, and/or multiple choice. Late examination submissions will not be accepted under *any circumstances* and are *non-negotiable*.

### **Final Examination**

A **comprehensive** Final Examination will be given at the end of the semester. Similar to regular Examinations, the Final Examination will be available online via Blackboard from 8:00 AM to 11:59 PM. Failure to attempt the final exam will result in a failing grade for the course. All grades are rounded from the tenths place, e.g. 80.5 = 81 and 80.49 = 80, upon the submission of grades at the end of the semester.

### **Classroom Policies**

#### **Lecture Videos and Class Meeting**

Instructional videos will be uploaded by the instructor via Blackboard. It is the student's responsibility to view each lecture video before attempting Quiz Assignments or Examinations. Attending face to face class is not required but recommended as long as the classroom can accommodate the social distancing capacity. A weekly sign-up form will be emailed to attend class. These meetings will cover the material from the lecture videos, provide further examples, and help struggling students.

#### **Attendance Policy**

Attendance will be recorded through My Math Lab. The student will be allowed to miss twenty percent (20%) of homework and quiz assignments for the semester **for any reason**. Should this number be exceeded, the instructor has the right to drop the student with a grade of F or an X.

#### **Office Hours**

Office hours will be held face to face or may be held virtually via Zoom. Proper face masks must be worn for face to face meetings. Please email if the listed office hours do not work for you.

#### **South Plains College Email Policy**

The instructor will only acknowledge, respond, and send emails to the student assigned South Plains College email. This ensures the intended recipient receives all correspondence from the instructor. It is the students' responsibility to have their email set up and ready to use by the end of the first week of class.

#### **Drop/Withdrawal**

Students should submit a Student Initiated Drop Form online to drop from the course. An instructor signature is not required. If the student wishes to withdraw from this or more courses, the student needs to contact the Advising Office.

#### **Syllabus Statement for COVID-19**

It is the policy of South Plains College for the Fall 2020 semester that as a condition of on-campus enrollment, all students are required to engage in safe behaviors to avoid the spread of COVID-19 in the SPC community. Such behaviors specifically include the requirement that all students properly wear CDC-compliant face coverings while in SPC buildings including in classrooms, labs, hallways, and restrooms. Failure to comply with this policy may result in dismissal from the current class session. If the student refuses to leave the classroom or lab after being dismissed, the student may be referred to the Dean of Students on the Levelland campus or the Dean/Director of external centers for Student Code of Conduct Violation.

## Course Itinerary

<p><b>Week 1</b></p> <p><b>Week 2</b></p> <p><b>Week 3</b></p> <p><b>Week 4</b></p> <p><b>Week 5</b></p>	<p><b>Chapter 1: Operations on Real Numbers and Algebraic Expressions</b></p> <ul style="list-style-type: none"> <li>• Adding, Subtracting, Multiplying and Dividing Real Numbers</li> <li>• Exponents and Order of Operations</li> <li>• Simplifying Algebraic Expressions</li> </ul> <p><b>Chapter 2: Equations and Inequalities in One Variable</b></p> <ul style="list-style-type: none"> <li>• Linear Equations: Addition and Multiplication Properties</li> <li>• Linear Equations: Combining Properties</li> <li>• Solving Linear Equations involving Fractions and Decimals</li> <li>• Solving Linear Inequalities</li> <li>• Solving Direct Translation Word Problems</li> <li>• Solving Percent Word Problems</li> <li>• Solving Geometry and Uniform Motion Word Problems</li> </ul>
<p><b>Feb. 19<sup>th</sup>: Examination 1; 8:00 AM – 11:59 PM</b></p>	
<p><b>Week 6</b></p> <p><b>Week 7</b></p> <p><b>Week 8</b></p> <p><b>Week 9</b></p>	<p><b>Chapter 3: Introduction to Graphing and Equations of Lines</b></p> <ul style="list-style-type: none"> <li>• Rectangular Coordinate System and Equations in Two Variables</li> <li>• Graphing Equations in Two Variables (Lines)</li> <li>• Slope and Slope-Intercept Form of a Line</li> </ul> <p><b>Chapter 4: Systems of Linear Equations and Inequalities in Two Variables</b></p> <ul style="list-style-type: none"> <li>• Solving Linear Systems of Equations by Graphing</li> <li>• Solving Linear Systems of Equations by Substitution and Addition</li> <li>• Solving Direct Translation, Geometry, Uniform Motion, and Mixture Problems using Systems</li> </ul>
<p><b>Mar. 26<sup>th</sup>: Examination 3; 8:00 AM – 11:59 PM</b></p>	
<p><b>Week 10</b></p> <p><b>Week 11</b></p> <p><b>Week 12</b></p> <p><b>Week 13</b></p> <p><b>Week 14</b></p>	<p><b>Chapter 5: Exponents and Polynomials</b></p> <ul style="list-style-type: none"> <li>• Adding and Subtracting Polynomials</li> <li>• Multiplying Exponential Monomials and Polynomials</li> <li>• Dividing Exponential Monomials Polynomials</li> </ul> <p><b>Chapter 6: Factoring Polynomials</b></p> <ul style="list-style-type: none"> <li>• Factoring by Greatest Common Factor and Grouping</li> <li>• Factoring Trinomials</li> <li>• Factoring Special Products</li> <li>• Strategies for Factoring</li> <li>• Solving Polynomial Equations by Factoring</li> </ul>
<p><b>Apr. 30<sup>th</sup>: Examination 4; 8:00 AM – 11:59 PM</b></p>	
<p><b>Week 15</b></p>	<p><b>Chapter 9: Radical and Rational Exponents</b></p> <ul style="list-style-type: none"> <li>• Complex Number System</li> </ul> <p><b>Chapter 10: Quadratic Equations and Functions</b></p> <ul style="list-style-type: none"> <li>• Solving Quadratic Equations by Completing the Square and Quadratic Formula</li> </ul>
<p><b>Week 16</b></p>	<p><b>May 11<sup>th</sup>: Final Examination: 8:00 AM – 11:59 PM</b></p>