

South Plains College
Common Course Syllabus: MATH 0315

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 cqilster@southplainscollege.edu](mailto:cqilster@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
Personal Course Syllabus
0315.001 MW 7:50a - 9:20
0315.005 TR 11:00 - 12:45
Located in PE #116

Instructor: Bart Bradshaw
Office: TD102(Texan Dome)
Phone: (806) 716-2478
E-Mail: bbradshaw@southplainscollege.edu
Office Hours: MW 7:15-7:45 TR 7:15-7:45 and by appointment

Expectations: • RESPECT! Respect your instructor and respect your peers.
• NO CELL PHONES OR ELECTRONIC DEVICES are to be used during class. The instructor reserves the right to ask a student to leave if his/her electronic device is used.
• COME TO CLASS PREPARED and get involved.
• MANAGE YOUR TIME and complete all assignments. If you have trouble completing the assignment, see a tutor. That's why we are here!
• ATTEND EVERY CLASS. If you miss a class, go over the material that was missed via the textbook or videos. If you are still confused, please see me or a tutor.
• PREPARE FOR THE EXAMS.
• SET A GOAL (A, B, or C).

Supplies: You will need pencils, notebook paper, graph paper, a 3-ring binder. A basic (addition, subtraction, multiplication and division) calculator is allowed after the first exam. The use of cell phones or other electronic devices will not be allowed. Please make certain all materials accompany you to each class meeting.

Grading: Homework/Quizzes 20%
 4 Unit Exams 60%
 Final Exam 20%
 Total 100%

Grading Scale: A 90-100 B 80-89 C 70-79 D 60-69 F 59 or below

You need to keep all your grades on one page inside your binder. Please correct your exams with the tutors after each test. A grade of C (70) or better is required to advance to the next course (Math 0320).

Binder: Neatness and organization of a 3-ring binder are important. The binder should be arranged in the following manner:

- 1st Course Calendar
- 2nd Syllabus
- 3rd Notes for each section covered.
- 4th Homework/Quizzes
- 5th Unit Exams

These pages will be kept in chronological order.

If you are absent, it is your responsibility to get the notes from a classmate and also complete the assigned homework using the tutors to help with missed instructions for the assignments.

Homework/Quizzes: • Homework assignments will be listed on your course calendar. **YOUR HOMEWORK WILL BE GRADED FOR COMPLETION DURING THE LAB TIME THE FOLLOWING CLASS MEETING DAY!!!** Students should work additional problems as needed to fully understand the concepts. The general format for assignments should include the following: place the assignment heading on the top of the page with the problems assigned, copy the problem from the book, show all work, write big and clearly indicate the answer. No late assignments will be accepted. The homework is practice for your mastery of the concepts and skills presented in class which you will be responsible to perform on a quiz and an exam. Remember, effort is key to your success. You have to focus your time and effort on completing the problems assigned.

• Written assignments must be done in pencil and on paper without frayed edges. You will have one warning, after which you will earn a zero on that work. Writing on both sides of the paper is permitted.

• Quizzes may be administered at any time so review the previous material before class.
Exams: There will be 4 unit exams and a comprehensive final exam. Dates for the exams are given on the course calendar. If for any reason you are unable to take an exam at the designated time you must contact me prior to class time. Make-up exams will be given at the discretion of the instructor.

Tutoring & Videos: FREE tutoring is available in M116 (math building) on the Levelland campus and RC262 (building 2) on the Reese campus. Tutoring schedules will be posted as soon as possible. There are links to some websites that contain helpful videos: patrickjmt.com, khanacademy.org, and MATH 0315 Beginning Algebra

Beginning Algebra Course Calendar

Daily schedule - All changes announced in class - E.T.-->Every Third Problem
MATH 0315.005-T/R 11:00-12:45 in PE #116

Wk	Day	Date	Lesson
1	T	1-14	Syllabus / <u>1.4</u> Operation of Integers #45-150 E.T. / Assessment Quiz
	R	16	<u>1.5</u> Operation of Rational Numbers #39-141 E.T.
2	T	21	<u>1.7</u> Exponents/Order of Operation #30-126 E.T. AND <u>1.8</u> Simplifying Alg. Exp # 39-123 E.T.
	R	23	<u>5.1</u> Add & Subtract Polynomials #30-129 E.T.
3	T	28	EXAM # 1 (THROUGH 5.1)
	R	30	<u>5.2</u> Multiplying Monomials #21-96 E.T.
4	T	2-4	<u>5.3</u> Multiplying Polynomials #36-144 E.T.
	R	6	<u>5.4</u> Dividing Monomials #33-129 E.T.
5	T	11	<u>5.5</u> Dividing Polynomials #15-90 E.T.
	R	13	<u>2.1</u> Linear Equations Adding & Multiplication Properties #27-108 E.T.
6	T	18	<u>2.2</u> Linear Equations using properties together #21-84 E.T.
	R	20	<u>2.3</u> Solving Linear Equations Fractions & Decimals #27-117 E.T.
7	T	25	EXAM # 2 (THROUGH 2.3)
	R	27	<u>2.5</u> Problem Solving Direct Translation #27-84 E.T.
8	T	3-3	<u>2.6</u> Problem Solving Involving Percents #21-54 E.T.
	R	5	<u>2.7</u> Problem Solving Geometry and Uniform Motion #15-48 E.T.
9	T	10	<u>2.8</u> Solving Linear Inequalities #39-123 E.T.
	R	12	<u>3.1</u> The Rectangular Coordinate System #21-84 E.T. & <u>3.2</u> Graphing Equations in 2 Variables #27-132 E.T.
10	T/R	17/19	Spring Break
11	T	24	<u>3.3</u> Slope #15-72 E.T. & <u>3.4</u> Slope Intercept Form of a Line #21-96 E.T.
	R	26	EXAM # 3 (THROUGH 3.4)
12	T	31	<u>4.1</u> Solving Systems of Equations by Graphing #18-69 E.T.
	R	4-2	<u>4.2</u> by Substitution #15-51 E.T. <u>4.3</u> by Elimination #12-66 E.T.
13	T	7	<u>6.1</u> GCF and Factoring by Grouping #27-78 E.T.
	R	9	<u>6.2</u> Factoring Trinomials Part 1 #24-57 E.T.
14	T	14	<u>6.3</u> Factoring Trinomials Part 2 #24-69 E.T.
	R	16	EXAM # 4 (THROUGH 6.3)
15	T	21	<u>6.4</u> Factoring Special Products #30-57 E.T.
	R	23	NO CLASS VISIT THE TUTORS FOR FACTORING HELP
16	T	28	<u>6.6</u> Solving Polynomial Equations by Factoring #27-99 E.T.
	R	30	Review for Comprehensive Final WORK REVIEW IN CLASS
17	T	5	FINAL EXAM 10:00-12:15 IN PE # 116