

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

* The submission of the syllabus receipt is required.

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.

Religious Holy Days: In accordance with Section 51.911, Texas Education Code, South Plains College will allow a student who is absent from class for the observance of a religious holy day to take an examination or complete an assignment scheduled for that day within seven (7) calendar days after the absence. Students are required to file a written notification of absence with each instructor within the first fifteen (15) days of the semester (**Monday, 3 February 2020**) in which the absence will occur. Forms for this purpose are available in the Student Services Office along with instructions and procedures. "Religious holy days" means a holy day observed by a religion whose place of worship is exempt from property taxation under Section 11.20, Tax Code.

Academic Honesty: You are expected to uphold the ideals of academic honesty. All work that is graded must be your own. This policy applies to all work attempted in this course. If this policy is violated the student will receive an **F** for the assignment and will be dropped with an **F**. For more details on what is considered cheating, see the South Plains College catalog.

* The submission of the syllabus receipt is required.

Mathematics 0315 – Beginning Algebra

Section: 006, Tuesday and Thursday, 2:30 P.M.

Room: Agriculture Building 103

Instructor: Sheyleah V. Harris-Plant, Ph.D.

Room: Levelland Math Building 120

Phone: (806) 716-2665

Email: sharris@southplainscollege.edu

Office Hours: Monday and Wednesday: Levelland Campus 14:00 – 16:00
Tuesday and Thursday: Levelland Campus 08:00 – 08:30 and 10:45-12:15
OR BY APPOINTMENT

Note about Office Hours: Any student is more than welcome to visit during office hours, however, for the student's visit to be most effective it is best to make an appointment. Students from other classes are often visiting during office hours and other college responsibilities often prevent office hours without notice.

Course Materials: Course notes and homework will be provided on Blackboard.

Reference Textbooks: (The textbook is not required for the course, but the student is welcome to purchase any of the following textbooks.)

Sullivan, Struve, and Mazzearella, (2017), *Elementary and Intermediate Algebra*, 4th Edition, Prentice Hall/Pearson Education. ISBN: 978-0134556079

Sullivan, Struve, and Mazzearella, (2013), *Elementary and Intermediate Algebra*, 3rd Edition, Prentice Hall/Pearson Education. ISBN: 978-0321880116

Miller, O'neil, and Hyde, (2013), *Beginning and Intermediate Algebra*, 4th Edition, McGraw-Hill. ISBN: 978-0073384511

Supplies: Pencil, 8.5-inch x 11-inch paper, graph paper, ruler, stapler, and erasers (**NO CALCULATORS ALLOWED**)

Supplementary Course Information

Blackboard is the online course management system that will be used for this course. This course syllabus, as well as any class handouts, 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) or whatever you changed it to.

“Intelligence plus character – that is the goal of true education.” – Dr. Martin Luther King, Jr.

“Hard work is required, but must also produce value.” – Norman Chaffee

“True knowledge exists in knowing that you know nothing.” – Socrates

“There is no end to education. It is not that you read a book, pass an examination, and finish with education. The whole of life, from the moment you are born to the moment you die, is a process of learning.” – Jiddu Krishnamurti

“In the United States, we experience many freedoms. Two of these freedoms include the freedom to succeed and the freedom to fail. Which one will you choose?” – Alan Worley

Withdrawal

If you wish to withdraw from this class for any reason, you must initiate the appropriate steps on your own. To withdraw from this class, you will need to go to the Admissions and Records office either on the Levelland campus or the Reese Center campus, and fill out a drop notification form, and pay \$5. The drop form can be obtained online in MySPC, under the Student Forms and Tools link. Please be aware that SPC may not permit an undergraduate student to drop a total of more than six courses (including any course a transfer student has dropped at another institution of higher education) if the student enrolled in college for the first time during the Fall 2007 academic term or any term subsequent to the Fall 2007 term.

Email Policy

All students at South Plains College are assigned a standardized SPC e-mail account. Although personal e-mail addresses will continue to be collected, the assigned SPC e-mail account will be used as the official channel of communication for South Plains College. The Student Correspondence Policy can be found at www.southplainscollege.edu. To access the SPC student e-mail account, log in to MySPC and click the SPC Google Mail option under Campus Bookmarks. (Copied from SPC Student Guide)

Since all students have an assigned SPC email, the instructor will only acknowledge, respond, and send emails to your assigned SPC email. This ensures all correspondence from the instructor is received by the intended recipient.

TSI

The Texas Success Initiative (TSI) is a state program designed to ensure that all Texas institutions provide placement testing, personal advisement and appropriate instruction to students to enhance their opportunities for success in their college studies. **All new students entering Texas colleges and universities are required to take a placement test prior to enrolling in college-level courses, unless exempt from testing under specified state standards (i.e., scores on the ACT, SAT or TAKS).** Testing will indicate whether a student possesses adequate basic college-level skills in reading, writing, and mathematics necessary to begin an undergraduate program of study. (copied from current South Plains College catalog)

Class Cancellation

In the event of the class being canceled by the school, the student will be responsible for the lecture material. The class will continue on the calendar presented. All information needed is on Blackboard and should be accessed by the student.

“PR (E)” Statement*

The instructor will only **consider** awarding a student a grade of “Progress” or “PR (E)”:

1. If the student has failed the course,
2. **Submitted** the syllabus receipt,
3. Been **absent one or fewer** class days, and
4. Has **lost less than 10% of quiz points (1.0 points)**

A “PR (E)” is administered when progress has been made in a developmental mathematics course but not sufficient progress to meet the exit criteria of passage. A “PR (E)” is not computed in a student’s Grade Point Average (GPA). (copied from current South Plains College catalog)

Grading Policy

All grades are rounded from the first decimal place. Upon the submission of grades at the end of the semester, all grades are final.

Feedback

The instructor will usually return feedback by the next class day; however, they reserve the right to have one (1) week to grade assignments and post grades from the due date.

* The submission of the syllabus receipt is required.

Grading Scale

90 or above	A
80 to 89	B
70 to 79	C
60 to 69	D
59 and below	F

Assignment Weights

Practice Assessment		32 points
<i>Syllabus Receipt</i>	1 @ 1 point	1 point
<i>Office Visit</i>	1 @ 1 point	1 point
<i>Notes</i>	20 @ 0.50 point	10 points
<i>Quizzes</i>	10 @ 2 points	20 points
Aptitude Assessment		68 points
<i>Exams</i>	4 @ 12 points	48 points
<i>Final Exam</i>	1 @ 20 points	20 points
Total Points		100 points
Extra Credit Points		
<i>Quizzes</i>	4 @ 2 points	8 points
<i>Daily Assessments</i>	34 @ 0.25 point	8.5 points

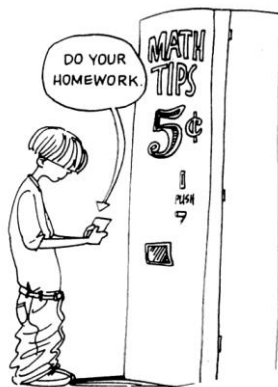
All supplemental material and a close approximation of your current grade are available all semester on South Plains College's Blackboard server.

Holiday/Travel Statement*

If a student has pre-existing plans to travel out of the area during scheduled class times, you must inform the instructor by **NO LATER THAN Monday, 3 February 2020**, at the end of class and submit the syllabus receipt. Failure to do so will result in the forfeiture of any assignments that will come into question during your dates of absence. These assignments will not be replaced or allowed for make-up work.

Resources

- **Free** tutoring at Levelland is available in room 116 of the Mathematics-Engineering Building, at the Reese Center campus in room RC 207 in Building 2, and at the Lubbock Center Computer Lab in Lubbock (3907 Avenue Q). Please remember to sign in when you seek the help of a tutor in each of these places.
- The South Plains College Department of Mathematics and Engineering has put one copy of the textbook for this course on reserve in the **Levelland and Reese Campus** Libraries.
- There are exam reviews on Blackboard for the student's use.

**Notes**

The student will be expected to bring the lecture notes to the next class meeting. All examples will be completed in class. This assignment is for all the respective points or none, there will be no partial credit for partial notes. Acceptable formats for notes are printed off, on a computer or tablet, but not on mobile devices (i.e., cell phones).

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Homework

Achieving success in this class will require giving regular effort outside of class, meaning doing homework. If you plan to be successful in this class, expect to spend a **minimum** of 4 to 6 hours outside of class every week maintaining or increasing your math skills. Homework is a planned practice for students to master the skills taught in class and needed in higher-level mathematics courses.

Every student must do homework. Homework will be assigned daily. The assigned homework will be available on the South Plains College's Blackboard server, for printing. The homework will not be graded. However, the practice is required in order to more fully understand each topic and to successfully negotiate the quizzes and the exams.

Quizzes

Quizzes will be given and homework collected weekly to assess if the student is practicing and mastering their math skills (doing homework). Questions will be similar to the questions in the assigned homework. No make-up quizzes will be allowed. Fourteen (14) quizzes will be administered, however, only ten (10) quizzes are counted in the one hundred (100) points for the course. The extra four (4) quizzes are built-in extra credit for the student.

Ticket to Freedom

Lab time will be given daily, as time permits, to assess if the student understands the material covered that day. Students must work on the lab assignment every day. No make-up labs will be given.

Daily Assessments

Daily Assessments will be available on Blackboard daily for the student to complete. The daily assessments are designed to give the student extra practice on the skills presented in class. If the student scores 70% or higher on each individual daily assessment they will receive the extra credit points for that assessment, which will be checked on exam days and the final exam.

Exams*

Exams are used to assess the amount of the course objectives that the student has mastered. The answer boxed will be the answer graded and only one answer will be graded, so the answer seen will be the one graded. Tentative exam dates are noted in the class calendar. Students have the scheduled class time to take exams and the time scheduled by the college to take the final exam. No student will be allowed to begin an exam after the first person has turned in their exam and left the classroom. If the student does poorly on their first exam, they are **required** to schedule an appointment to discuss their performance with the instructor in their office.

If a student should have to miss an exam, the instructor will consider replacing the missed exam with the final exam score if the following conditions have been met:

1. Turn in their syllabus receipt, and
2. Notify the instructor before the exam is missed.

Exam Corrections

Students are able to correct one exam (excluding the final exam), of their choice, by the last day of the class (the last class before Final's Week) for seventy-five percent (75%) of their missed points. To complete the exam correction, the student will correct the questions missed on the exam on a different sheet of paper and return the corrections with the original exam.

Final Exam*

There will be a **comprehensive** final exam at the end of the semester. Failure to attempt the final exam will result in a failing grade for the course. The final exam will be given at the scheduled time determined by South Plains College, not during class time. Conflicts in test schedules should be worked out with individual instructors. A student's library records and all financial records must be clear before the student will be allowed to take final examinations in any course.

* The submission of the syllabus receipt is required.

Expectations of the Instructor

The student is within all rights to expect that the instructor does the following:

- Show up, as scheduled, to teach all the information pertaining to the course.
- Provide notice of any schedule changes.
- Maximize the time allotted for this course by assessing student aptitude for covered information at the close of each lecture, when time permits.
- Present the material in a manner that can generally be understood by the majority of the class.
- Be accessible to those who need assistance outside of the classroom setting, by way of e-mail or in person, during office hours or reasonably scheduled appointment times.
- Hold to any assignment(s) given during the course of the semester unless removed.
- Uphold the policies of the college as it pertains to the student's welfare in the course.
- Not make any exceptions regarding the dismissal of any student from the course for reasons listed herein.
- Allow each student the opportunity to discuss the material presented during the lecture period.
- Provide examinations based on the information discussed in class that contains problems that use solving methods *similar* to those assigned from sections pertaining to the exam.

Expectations of the Student

The instructor is within all rights to expect that the student does the following:

- Show up on time, as scheduled, to receive and learn all information pertinent to the course and be mindful of any schedule changes.
- If you are going to withdraw from this course, then ***all withdrawals must be done by Thursday, 23 April 2020***. There will be no withdrawals given after this date.
- READ THE SYLLABUS!!! You will remain subject to the criteria outlined herein whether you read this or not, so it is in your best interest to do so!
- Take advantage of ***all*** the resources available to you. In the collegiate setting, all students are considered adults and are expected to uphold conduct worthy of such consideration.
- Be mindful of the classroom setting and the roles therein. While student tuition is vital to the well-being of this academic institution, this does NOT warrant the concession of an instructor to you in a manner that compromises the integrity of the classroom setting and that of the institution itself.
- Bring all materials needed for the course and refrain from bringing anything that is not needed.
- Be willing to work together with – **BUT NOT DO WORK FOR** – fellow classmates.
- Keep all homework assignments organized in a binder. This will prove to be helpful in preparing for the exams.
- ***Write all graded work legibly and in pencil only. All work not done in pencil will not be accepted by the instructor and will cause you to receive a grade of zero percent (0%) for the work in question.***
- Work homework early enough to get help, if needed.
- Turn all electronic devices **off** that have no use in the classroom setting. This means all music players, cellular telephones (or cell phones), pagers, etc. In the event that a cell phone must be on (family emergencies only), then the phone must be on vibrate mode and placed on your desk or table. If an unsanctioned device is in use during an exam, then its grade will be zero percent (0%) and possible removal from the course.
- Obtain all missed information and assignments from a fellow classmate. **NO LATE WORK will be accepted!!!**

Homework Assignments are **assigned** on the day shown in the chart.

Date	Topic	Assignments
Tuesday, 14 January	Introduction	Syllabus Receipt
Outline for Exam 1 – Introductory Algebra and Polynomials		
Thursday, 16 January <i>Quiz 1</i>	Operations on Real Numbers	#1-55 all
Monday, 20 January	No Class (Martin Luther King, Jr Day)	
Tuesday, 21 January	Exponents and Real Numbers	#1-40 all
Thursday, 23 January <i>Quiz 2</i>	Simplifying Algebraic Expressions	#1-30 all
	Adding and Subtracting Polynomials	#1-26 all
Tuesday, 28 January	Exam 1 (12 points)	
Outline for Exam 2 – Linear Equations and Inequalities in One Variable		
Thursday, 30 January <i>Quiz 3</i>	Linear Equations: Addition and Multiplication Properties	#1-26 all
	Linear Equations: Combined Properties	#1-24 all
Tuesday, 4 February <i>Quiz 4</i>	Solving Linear Equations involving Fractions and Decimals	#1-30 all
Thursday, 6 February	No Class	
Tuesday, 11 February	Solving Linear Inequalities	#1-20 all
Thursday, 13 February <i>Quiz 5</i>	Direct Translation Word Problems	#1-35 all
Tuesday, 18 February	Percent Word Problems	#1-20 all
Thursday, 20 February <i>Quiz 6</i>	Uniform Motion Word Problems	#1-18 all
Tuesday, 25 February	Exam 2 (12 points)	
Outline for Exam 3 – Exponent Laws and Operations on Polynomials		
Thursday, 27 February <i>Quiz 7</i>	Multiplication Exponent Laws	#1-30 all
Tuesday, 3 March	Multiplying Polynomials	#1-42 all
Thursday, 5 March <i>Quiz 8</i>	Division Exponent Laws	#1-46 all
Tuesday, 10 March	Dividing Polynomials	#1-20 all
Tuesday, 24 March	Exam 3 (12 points)	
Outline for Exam 4 – Factoring		
Thursday, 12 March <i>Quiz 9</i>	Factoring by Grouping	#1-34 all
Tuesday, 17 March	No Class (Spring Break)	
Thursday, 19 March	No Class (Spring Break)	
Thursday, 26 March <i>Quiz 10</i>	Factoring Trinomials	#1-43 all
Tuesday, 31 March	Factoring Special Products	#1-35 all
Thursday, 2 April <i>Quiz 11</i>	Strategies for Factoring	#1-35 all
Tuesday, 7 April	Solving Equations by Factoring	#1-30 all
Tuesday, 14 April	Exam 4 (12 points)	
Comprehensive Final Exam		
Monday, 13 April	No Class (Easter Break)	
Thursday, 9 April <i>Quiz 12</i>	Graphing Lines	#1-25 all
Thursday, 16 April <i>Quiz 13</i>	Slope and Slope-Intercept Form	#1-31 all
Tuesday, 21 April	Solving Linear Systems of Equations by Graphing	#1-10 all
Thursday, 23 April <i>Quiz 14</i> LAST DAY TO DROP	Solving Linear Systems of Equations by Substitution and Addition	#1-22 all
Tuesday, 28 April	Solving Direct Translation, Geometry, Uniform Motion, and Mixture Problems Using Systems	#1-20 all
Thursday, 30 April	Final Exam Question Session	
Tuesday, 5 May	Final Exam (20 points) – 13:00-15:00	