

South Plains College  
Math 0315 – Beginning Algebra (3:3:1)  
Course Syllabus  
Fall 2017

**Instructor:** Diane Eagle  
**Office:** M106 (mathematics building)  
**Phone:** 806-716-2736  
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**Office Hours:**

Monday	Tuesday	Wednesday	Thursday	Friday
1:00 – 2:30 3:45 – 4:00 Reese	11:45 – 12:30	1:00 – 2:30 3:45 – 4:00 Reese	11:45 – 12:30	9:00 – 12:00

**Prerequisites:** Successful completion of MATH 0310 (a C or higher) or appropriate test score.

**Textbook:** Elementary and Intermediate Algebra, Sullivan/Struve/Mazzarella, 2018, Fourth Edition, Pearson Education, Inc. This textbook is available on reserve in the library.

**Supplies:** Pencils, paper, straightedge, and graph paper. **Calculators (including calculators on cell phones or other electronic devices) are NOT allowed in MATH 0315.** Arrive prepared to take notes every day.

**Course Description:** This course is designed for students who need MATH 0320 and have not had one year of high school algebra. Topics include signed numbers, algebraic expressions, linear equations and inequalities in one unknown, and graphing. Time in a math lab is required. This course will not satisfy graduation requirements. This course is required if testing indicates a need.

**Course Purpose/Rational/Goal:** The purpose of this course is to provide a background in beginning algebra concepts necessary for MATH 0320.

**Student Learning Outcomes/Competencies:**

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

1. Add, subtract, multiply and divide real numbers (1.4, 1.5)
2. Use the order of operations to simplify an expression (1.7)
3. Simplify algebraic expressions (1.8)
4. Solve linear equations (2.1, 2.2, 2.3)
5. Translate and solve word problems (2.5, 2.6, 2.7)
6. Solve linear inequalities (2.8)
7. Graph equations in two variables by the intercept method and the slope intercept method (3.1, 3.2, 3.3, 3.4)
8. Solve systems of equations by graphing, substitution, and elimination (4.1, 4.2, 4.3)
9. Evaluate expressions using exponent rules (5.2, 5.4)
10. Add, subtract, multiply and divide polynomials (5.1, 5.3, 5.5)
11. Factor polynomials (6.1, 6.2, 6.3, 6.4, 6.5)
12. Solve quadratic equations by factoring (6.6)

**Course Requirements:** To maximize the potential to complete this course, a student should attend all class and laboratory meetings, take notes and participate in class, complete all homework assignments and examinations including final examinations.

**Course Evaluation:** Your final grade will be determined by the average of four tests (400 points) the comprehensive departmental final exam (100 points) and daily homework assignments (100 points.) The lowest grade of the four tests will be dropped, provided the student completed the course and took the final exam. The final exam is NOT eligible to be dropped. There are 500 points possible. **A minimum grade of 70 is needed to successfully pass this course.** The number of points earned will follow the grading scale below:

<b>Grading Scale:</b>	A	90 to 100	448 to 500 points
	B	80 to 89	398 to 447 points
	C	70 to 79	348 to 397 points
	D	60 to 69	298 to 347 points
	F	Below 60	0 to 297 points

**\*\*\*NOTE: I do NOT issue the grade of “PR” for this class under any circumstances.**

**Exams:** Dates for the 4 major tests and comprehensive departmental final exam are listed on the calendar. **There are NO makeup tests!** If you miss one of the 4 major tests, you may qualify to have that missing grade dropped at the end of the semester (see requirements above.) A student with an average of 90 or higher on the 4 major tests may be exempt from the final exam.

**Homework Assignments:** Homework is assigned from each section covered, and time will be available at the beginning of each class to ask questions. Consistently working problems every day reinforces the skills and concepts presented, and is essential for success in this course. Homework assignments will be collected the following class period. All steps/work must be shown and the answer clearly indicated to receive credit. Do not submit “answer sheets.” In the event of an absence, you must email your assignment to me on or before the day it is due. **Absolutely NO late homework assignments will be accepted.** Homework grades comprise 20% of your overall average.

**Bonus Points:** Occasionally, tests will include a bonus problem, or a bonus problem may be assigned to complete outside of class. Opportunities for extra points are sometimes posted on Blackboard as well. Additional homework assignments may also be collected to supplement points earned. Bonus points add into the cumulative points earned.

**Additional Resources:** Materials accompanying the textbook include a student workbook, additional exercises, and PowerPoint slides. These items are available for download on Blackboard. SPC produced videos of many topics are also available and a link is provided on Blackboard for online viewing. Additional free tutorial videos are available at the following sites: <http://patrickjmt.com/>, <http://www.mathtv.com/>, and <http://www.khanacademy.org/>. These links are posted on Blackboard.

**Tutoring:** Students can obtain free tutoring in room M116 in the math building on the South Plains Campus in Levelland or in Building 2 at the Reese Center. Tutoring schedules will be posted on campus. Please remember to sign in when you seek the help of a tutor in each of these places.

**Attendance Policy:** Attendance will be taken every class period. Students who arrive late, leave early, sleep during class, or fail to sign the attendance sheet may be counted absent. Whenever absences become excessive and, in the instructor's opinion, minimum course objectives cannot be met due to absences, the student will be withdrawn from the course. **Any student who misses 3 consecutive classes or exceeds 5 absences throughout the semester will be administratively dropped and receive a grade of X or F.** Students wishing to drop this class must see the registrar by Thursday, November 16, 2017 to officially withdraw and receive a grade of W.

**Classroom Civility:** Students are expected to be respectful of their fellow classmates and maintain a classroom environment that is conducive to learning. Turn off all cell phones and other electronic devices **before** entering the classroom. The instructor reserves the right to ask a student to leave if his/her cell phone is left on and disrupts the class. Refrain from using offensive language, talking loudly or off-topic, working on outside assignments, chewing tobacco products, or otherwise being disruptive in class. Food and/or drinks are NOT allowed in the classroom.

**Academic Honesty:** Students are expected to uphold the ideas of academic honesty. Academic dishonesty includes, but is not limited to, cheating on tests, collaborating with another student during a test, copying another student's work, using materials not authorized, and plagiarism. **Use of a calculator, cell phone, or other electronic device during any in-class assignment or exam will result in a grade of zero.** Leaving the classroom during an exam will not be permitted. Students who do not follow the academic honesty policy will receive a grade of zero for the assignment, and may be dropped from the course with an F, or face possible suspension from the college.

**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) and Lubbock Center 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

**Equal Opportunity:** South Plains College strives to accommodate the individual needs of all students in order to enhance their opportunities for success in the context of a comprehensive community college setting. It is the policy of South Plains College to offer all educational and employment opportunities without regard to race, color, national origin, religion, gender, disability or age.

**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, please refer to the SPC policy at: ([http://www.southplainscollege.edu/human\\_resources/policy\\_procedure/hhc.php](http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.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 911.

## MATH 0315.010 – FALL 2017

Week	Tuesday		Thursday	
1	Aug. 29	Syllabus 1.2 p. 16 49–136, omit 118	Aug. 31	1.4 p. 35 43–154
2	Sep. 5	1.5 p. 46 37–142	Sep. 7	1.7 p. 62 29–110
3	Sep. 12	1.8 p. 69 39–114 5.1 p. 315 57–132	Sep. 14	5.2 p. 322 21–93
4	Sep. 19	5.3 p. 331 35–134	Sep. 21	<b>TEST 1</b>
5	Sep. 26	5.4 p. 344 33–129	Sep. 28	5.5 p. 351 13–79
6	Oct. 3	2.1 p. 89 25–106 2.2 p. 96 21–84	Oct. 5	2.3 p. 105 27–117
7	Oct. 10	2.4 p. 115 23–95 2.5 p. 129 27–44 all, 67–88, 90, 96	Oct. 12	<b>TEST 2</b>
8	Oct. 17	2.6 p. 136 19–55	Oct. 19	2.7 p. 145 14–26, 27–48
9	Oct. 24	2.8 p. 157 59–125	Oct. 26	3.1 p. 178 19–64
10	Oct. 31	3.2 p. 192 33–123 3.3 p. 202 13–70	Nov. 2	3.4 p. 212 21–90
11	Nov. 7	4.1 p. 257 17–38, 59–77	Nov. 9	<b>TEST 3</b>
12	Nov. 14	4.2 p. 265 13–25, 35–59 4.3 p. 274 11–17, 27–75	Nov. 16	6.1 p. 376 47–98
13	Nov. 21	6.2 p. 384 23–92 6.3 p. 394 23–95	Nov. 23	<b>THANKSGIVING</b>
14	Nov. 28	6.4 p. 402 29–104 6.5 p. 407 17–89	Nov. 30	<b>TEST 4</b>
15	Dec. 5	6.6 p. 415 25–100	Dec. 7	<b>REVIEW</b>
16	Dec. 12	<b>NO CLASS</b>	Dec. 14	<b>FINAL EXAM 10:15 – 12:15</b>

**All assignments are every third problem (ex. 13, 16, 19, 22 ...) unless otherwise noted.**

**\*\*\*Last day to drop is Thursday, November 16, 2017\*\*\***

## MATH 0315.202 – FALL 2017

Week	Monday	Wednesday
1	Aug. 28 Syllabus 1.2 p. 16 49–136, omit 118	Aug. 30 1.4 p. 35 43–154 1.5 p. 46 37–142
2	Sep. 4 <b>LABOR DAY</b>	Sep. 6 1.5 (cont.) p. 46 37–142 1.7 p. 62 29–110
3	Sep. 11 1.8 p. 69 39–114 5.1 p. 315 57–132	Sep. 13 5.2 p. 322 21–93
4	Sep. 18 5.3 p. 331 35–134	Sep. 20 <b>TEST 1</b>
5	Sep. 25 5.4 p. 344 33–129	Sep. 27 5.5 p. 351 13–79
6	Oct. 2 2.1 p. 89 25–106 2.2 p. 96 21–84	Oct. 4 2.3 p. 105 27–117
7	Oct. 9 2.4 p. 115 23–95 2.5 p. 129 27–44 all, 67–88, 90, 96	Oct. 11 <b>TEST 2</b>
8	Oct. 16 2.6 p. 136 19–55	Oct. 18 2.7 p. 145 14–26, 27–48
9	Oct. 23 2.8 p. 157 59–125	Oct. 25 3.1 p. 178 19–64
10	Oct. 30 3.2 p. 192 33–123 3.3 p. 202 13–70	Nov. 1 3.4 p. 212 21–90
11	Nov. 6 4.1 p. 257 17–38, 59–77	Nov. 8 <b>TEST 3</b>
12	Nov. 13 4.2 p. 265 13–25, 35–59 4.3 p. 274 11–17, 27–75	Nov. 15 6.1 p. 376 47–98
13	Nov. 20 6.2 p. 384 23–92 6.3 p. 394 23–95	Nov. 22 <b>THANKSGIVING</b>
14	Nov. 27 6.4 p. 402 29–104 6.5 p. 407 17–89	Nov. 29 <b>TEST 4</b>
15	Dec. 4 6.6 p. 415 25–100	Dec. 6 <b>REVIEW</b>
16	Dec. 11 <b>FINAL EXAM 10:15 – 12:15</b>	Dec. 13 <b>NO CLASS</b>

**All assignments are every third problem (ex. 13, 16, 19, 22 ...) unless otherwise noted.**

**\*\*\*Last day to drop is Thursday, November 16, 2017\*\*\***