

South Plains College

MATH 0315 – Beginning Algebra

Section 012, T R 1 – 2:45 pm

Reese, Rm. 221

Instructor: Miss S. Davis
Office: 103 MATH Bldg.
Phone: (806) 894 – 9611 ext. 2699
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Office Hours: (Levelland campus)

Monday	Tuesday	Wednesday	Thursday	Friday
9:15 – 9:45a	4:20 – 5:20p	9:15 – 9:45a		9 – 12 p
2:30 – 4p	(Reese)	2:30 – 4p		
or by appointment				

Text: Elementary & Intermediate Algebra, 3rd Edition, by Sullivan, Struve, & Mazarella, 2014 Prentice Hall/Pearson (ISBN: 978-0-321-88011-6)

Supplies: Graph paper, a ruler, (*at least a 3 in ring*) notebook, hole puncher, stapler, a staple puller, & a red pen/pencil. (If your lack of responsibility results in you asking to borrow any of the supplies from me then there will be automatic 5 point deduction from your final grade. **Bring your supplies to class everyday!**)

Purpose: This course is to provide the fundamental algebraic basis that the student can use to lay a foundation for the study of Intermediate and College Algebra and other freshmen level mathematics courses.

Attendance: Attendance and effort are the most important activities for success in this course. Records of your attendance are maintained throughout the semester. If your lack of attendance (i.e., excessive absences) is determined by the instructor to put you at risk of failing the course, you may be dropped from the class with a F as a final grade. Excessive absences consist of two consecutive weeks or 4 cumulative days. Sleeping in class constitutes an absence. If you unfortunately happen to incur an absence, please contact the instructor either by phone or email and refer to the website to get the assignment before the next class. Please read the “Drops and Withdrawals” policies in the current South Plains College catalog.

Class Attendance

Students are expected to attend all classes in order to be successful in a course. The student may be administratively withdrawn from the course when absences become excessive as defined in the course syllabus.

When an unavoidable reason for class absence arises, such as illness, an official trip authorized by the college or an official activity, the instructor may permit the student to make up work missed. It is the student’s responsibility to complete work missed within a reasonable period of time as determined by the instructor. Students are officially enrolled in all courses for which they pay tuition and fees at the time of registration. Should a student, for any reason, delay in reporting to a class after official enrollment, absences will be attributed to the student from the first class meeting.

Students who enroll in a course but have “Never Attended” by the official census date, as reported by the faculty member, will be administratively dropped by the Office of Admissions and Records. A student who does not meet the attendance requirements of a class as stated in the course syllabus and does not officially withdraw from that course by the official census date of the semester, may be administratively withdrawn from that course and receive a grade of “X” or “F” as determined by the instructor. Instructors are responsible for clearly stating their administrative drop policy in the course syllabus, and it is the student’s responsibility to be aware of that policy.

It is the student’s responsibility to verify administrative drops for excessive absences through MySPC using his or her student online account. If it is determined that a student is awarded financial aid for a class or classes in which the student never attended or participated, the financial aid award will be adjusted in accordance with the classes in which the student did attend/participate and the student will owe any balance resulting from the adjustment.

Assignment Policy: Homework will be assigned daily. The homework assignments maybe graded periodically. **Note that the practice is required in order to more fully understand each topic and to successfully negotiate the quizzes and the tests.** **Late homework is not accepted.**

Homework, quizzes, tests, and other useful material will be kept in a notebook.

Notebook: Homework, quizzes, tests, and other useful material will be kept in a notebook in which the notebook will be used as a reference and study guide. The notebook will be brought to class everyday! The following material will be placed in the notebook in the order listed:

1. Cover sheet including Name, Class, and Semester
2. Syllabus
3. Procedures
4. Assignment sheet
 - ▶ Contains a list of all homework assignments for the semester
 - ▶ Not the actual homework assignment
 - ▶ Grade sheet (could also be included)
5. Notes
6. Work
7. Quizzes
8. Tests
9. Miscellaneous

Notebook contd.:

Each section will be separated by a labeled divider and contain the appropriate procedure page corresponding to the section. The “procedure” pages are: the *notebook procedure*, the *classroom conduct*, the “*How to Study*” *guide*, “How is College Different than High School” sheet, the *hygiene etiquette*, the *note-taking procedure*, the *homework procedure*, and the *classroom testing etiquette*. All homework assignments are to be prepared by the homework procedure. The above order of the notebook does not constitute its order. Reference the notebook procedure for proper order.

To print the above material, visit my **Blackboard page for this class. All printed material needs to be read at least once during the term of this course.**

Blackboard: Some information for this class will exist on Blackboard such as syllabus, homework, etc. Please be responsible to log in to Blackboard and navigate to the appropriate site for this class.

Grading Policy: There will be random quizzes given over the assigned homework in which no make-ups will be allowed. The total number of quizzes for the semester is unpredictable but only a portion will count as the quiz grade. Make-up quizzes will NOT be given.

Tests: There will be five tests (final exam exclusive). Any excused (notification must be made in advance) missed exam will be discussed with the instructor. The final exam will be comprehensive since the intent of this class is preparation for Intermediate Algebra and eventually, College Algebra. The final exam can replace your lowest non-zero test grade provided that it is greater than the lowest non-zero test grade (Honest Effort Rule (**H.E.R.**) policy).

Make-up Policy: There is no automatic provision for making up exams. Only under extreme circumstances (e.g., death in the family or hospitalization) will make-up exams be given and these circumstances must be documented. If at all possible, the instructor should be notified prior to missing an exam. If you happen to miss an exam, a grade of **0** will be administered, and under the **H.E.R.** (Honest Effort Rule), this missed exam of grade **0** will not be replaced by the final exam even if the final exam is greater.

Study: You should normally spend approximately 2-3 hours outside of class in study for each hour of lecture. Try to study the assigned lesson as soon after the class meets if possible. With your greatest effort, try not to get behind on the homework!

Tutoring: Free tutoring is available in the room 116 of the Mathematics-Engineering Building. For times and tutor names, please refer to posted tutor schedules in the math building or visit my **Blackboard** page for this class.

Videotapes: Videotapes for many topics in this course are available in the Math. Department AVT lab (Rm. 116 of the Levelland campus). The web address for the online videos is as follows (<http://spc.blackboard.com/webct/entryPageIns.dowebsct>). For username and password, please use *mvideos*. For the AVT lab on the Levelland campus, students are allowed to check the tapes out, view them in the office, or duplicate them with the equipment available in Rm. 116.

Grading Scale:

Quizzes:	35%	A:	90 and above	D:	60 – 69
Tests:	45%	B:	80 - 89	F:	59 or below
Final:	20%	C:	70 - 79		

Borderline Grades: These grades will be evaluated with regard to attendance and mature conduct in class.

Critical Dates:

<i>Jan 21</i>	MLK, Jr Day	<i>Feb 18</i>	WEB Pre-registration for Summer & Spring Interim 2019
<i>March 11 – 15</i>	Spring Break	<i>April 19</i>	WEB Pre-registration for Fall 2019
<i>April 22</i>	Easter	Final Exam	
<i>April 25</i>	Last day to drop	<i>May 9</i>	(10:15 – 12:15 pm, Thursday)
<i>April 12</i>	UIL – No office hours		

Student Responsibilities:

- Attend class and be aware of announcements made in class.
- Work homework problems early enough to seek help if needed.
- Read and know the attendance policy.
- Form study groups.
- Attend math tutoring lab sessions.
- **** Please, turn off cell phones and pagers during class! ****
 - **If the instructor determines that activation of a cell phone, pager, PDA, Ipod, laptop, or any electronic device interrupts the lecture or classroom discussion or impedes the progress of any student then the instructor may confiscate the cell phone, pager, PDA, or laptop until the end of class and/or ask the student to leave.**
- **No technologic devices such as cell phones, PDA's, etc. are to be used during tests or in-class quizzes.**
- **Follow the classroom policy, no food or drink allowed in the classroom if posted.**
- **In addition to the No Food or Drink classroom policy and in accordance to campus policy, no tobacco products are to be consumed in class.**
- **Do not dress for the beach or for bed.**
- **You will obtain your final grade for the class through MySPC and CampusConnect.**

Cell Phone Policy: All students will, during each class period and for its duration, place and keep their cell phone in its deactivated state, provided that they are at the present time in possession of said device, face-down in the right-hand corner and on the top surface of their desk. If a student's cell phone activates and/or the student engages in text messaging during class at anytime during the semester, the student, by the instructor's discretion, could be permanently dismissed from the class for the remainder of the semester. If a student's cell is activated during class and/or the student engages in text messaging determined by the instructor, and **the student chose not to place their phone on top of their desk as mentioned above** then the student will be dismissed from the class by the instructor permanently.

Academic Misconduct: Complete honesty is required from students in all facets of course work including homework assignments, tests, and the final exam. See the South Plains College Catalog for more detail.

Sanctions for Cheating or Plagiarizing: A grade of "F" in the course will be assigned to any student caught cheating or plagiarizing; additional sanctions may also be considered. Students are responsible for understanding the meanings of the words cheating and plagiarizing.

Special Requests: If you happen to become **ill** during the semester, please respect your instructor and your classmates by making your best effort to prevent contamination of the rest of the class including the instructor.

Questions: I invite all your questions **except** the following:

1. I wasn't able to make it to class. Did I miss anything? (Yes.)
2. Is this going to be on the test? (Perhaps, not directly, but if the ideas were not important, I would not be discussing them in class.)
3. Do you have the tests graded? (I put forth my best effort to have the tests graded so as to return them the next class session, however, there are times due to uncontrollable factors that this may not be possible.)

Course Objectives: Upon completion of this course and obtaining a passing grade, the student should reflect mastery of the course objectives. These course objectives are the following:

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|---|---|
| a.) Add, subtract, multiply, and divide real numbers. (1.5) | b.) Use the order of operations to simplify an expression. (1.7) |
| c.) Simplify algebraic expressions. (1.8) | d.) Solve linear equations. (2.1, 2.2, 2.3) |
| e.) Translate and solve word problems. (2.5, 2.6, 2.7) | f.) Solve linear inequalities. (2.8) |
| g.) Graph equations in two variables by the intercept method and the slope intercept method. (3.1, 3.2, 3.3, 3.4) | |
| h.) Evaluate expressions using exponent rules. (5.2, 5.4) | i.) Add, subtract, multiply and divide polynomials. (5.1, 5.3, 5.5) |
| j.) Factor polynomials. (6.1, 6.2, 6.3, 6.4, 6.5) | k.) Solve quadratic equations by factoring. (6.6) |

Diversity: 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 Special Services Office, preferably, 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 Special Services Coordinator. For more information, call or visit the Special Services Office in the Student Services Building, 894-9611 ext. 2529.

Course Outline		
This schedule is tentative and subjective to change. Changes will be announced in class.		
Week	Date	Topics and Sections Covered
1	1/15	Introduction, Misc. 1.5 Arithmetic with Rational Numbers
	1/17	1.7 Exponents & Order of Operations
<i>1/21</i>		<i>MLK, Jr. Day</i>
2	1/22	1.8 Simplifying Algebraic Expressions
	1/24	2.1 Solving Linear Equations Part 1 2.2 Solving Linear Equations Part 2
3	1/29	2.3 Fractions & Decimals in Linear Equations
	1/31	<i>Review</i>
4	2/5	Test 1
	2/7	2.5 Direct Translation Problems
5	2/12	2.6 Percent Problems
	2/14	2.7 Geometry & Uniform Motion
6	2/19	2.8 Linear Inequalities in One Variable
	2/21	Test 2 (open homework)
7	2/26	3.1 The Rectangular Coordinate System 3.2 Graphing Equations
	2/28	3.3 Slope of a Line 3.4 Slope-Intercept Form of a Line
8	3/5	<i>Review</i>
	3/7	Test 3
<i>3/11 - 3/15</i>		<i>Spring Break</i>
9	3/19	4.1 Solve Systems of Equations by Graphing
	3/21	4.2 Solve Systems of Equations by Substitution 4.3 Solving Systems of Equations by Elimination
10	3/26	4.4 Applications of Systems of Equations 4.5 Applications of Systems of Equations
	3/28	<i>Review</i>
11	4/2	Test 4
	4/4	5.1 Adding/Subtracting Polynomials
12	4/9	5.2 Multiplying Monomials 5.3 Multiplying Polynomials
	4/11	5.4 Dividing Monomials 5.5 Dividing Polynomials
4/12		UIL – No office hours
13	4/16	<i>Review</i>
	4/18	Test 5
<i>4/22</i>		<i>EASTER</i>
14	4/23	6.1 Greatest Common Factor (GCF) & Grouping
	4/25	6.2 Factoring Trinomials Part 1 6.3 Factoring Trinomials Part 2
16	4/30	6.4 Factoring Special Products 6.6 Solving Equations by Factoring
	5/2	6.5 A Review of Factoring
Final	5/9	<i>012</i> Thursday, 10:15 – 12:15p

MATH 0315 (3:3:1)
BEGINNING ALGEBRA

MATHEMATICS DEPARTMENT

Division of Arts & Sciences

South Plains College

SPRING 2019

Shirley Davis