

South Plains College  
Department of Mathematics & Engineering  
Math0310 – Developmental Algebra  
Course Syllabus – Fall 2016

**Math 0310.006.161S**

**Scheduled Class Time: TR, 1:00pm – 2:15pm, Math Building, M128**

**Instructor:** Jerod Clopton

**Office:** M102

**Email:** jclopton@southplainscollege.edu

**Phone:** 806-716-2738

**Office Hours:**

Monday	Tuesday	Wednesday	Thursday	Friday
9:45-10:30	9:45-10:30	9:45-10:30	9:45-10:30	9:00-12:00
4:00-4:45	2:30-3:00	4:00-4:45	2:30-3:00	
Or by appointment				

**Supplies:** Notebook, lined loose-leaf paper, pencils. Calculators are **not** allowed for Math0310.

**Course Description:** This course is designed for students who need MATH 0315 and if testing indicates a need. This is a basic arithmetic course with some algebra concepts. Topics include whole numbers, integers, and real numbers, basic geometry, and linear equations. This course will not satisfy graduation requirements. This course is required if testing indicates a need. (Copied from course catalogue.)

**Textbook:** Martin-Gay, Elayn. *Basic College Mathematics with Early Integers*. Third Edition. ISBN-10:0-13-386471-5. (Note: the purchase or use of a textbook is not required for this class.)

**Student Learning Outcomes/Competencies\*:**

Successful completion of this course should reflect mastery of the following objectives:

1. Add, subtract, multiply, and divide whole numbers (1.3, 1.4, 1.6, 1.7)
2. Evaluate exponents, square roots, and order of operations using whole numbers (1.9)
3. Add, subtract, multiply and divide integers (2.3 – 2.5)
4. Evaluate integers using order of operations (2.6)
5. Multiply, divide, add, and subtract fractions (3.2 – 3.5)
6. Evaluate and simplify algebraic expressions (2.1, 8.1)
7. Solve linear equations (8.2 – 8.4)

\*Developed by the Coordinating Board and the Faculty of South Plains College's Math and Engineering Department.

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

**Attendance:** Your attendance and active participation is vital to your success in this class. Attendance will be taken at the beginning of each class meeting. Failure to be in attendance will result in you being marked as absent for that class meeting. Should you arrive after attendance has been taken or leave class early, you will be marked as being tardy for that class meeting. For every 3 accounts that you are marked as being tardy, you will receive 1 mark of being absent; i.e. 3 tardies = 1 absent. If you exceed 5 absences during the course of the semester you will be dropped from this course with a grade of X or F.

Be on time for class and turn off any cell phones or other electronic devices before class starts. Note: unless allowed under special circumstances, no laptops or tablets are shall be used during class.

**Homework and Quizzes:** Homework will be assigned for each section of material covered and will be collected on the due date. Homework is assigned to reinforce the learning and mastery of concepts taught in class. **Late homework will not be accepted and a grade of zero will be assigned.** Quizzes may be given at any time. The average of all homework and quiz grades will account for 20% of your final grade.

**Exams:** There will be five unit exams and one comprehensive final exam for this class. The average of your exam grades will account for 60% of your final grade. **There will be no make up exams.** The final exam will account for 20% of your final grade. If your final exam grade is greater than your lowest exam grade, then that grade will be replaced by the grade from your final exam.

Calculation of Final Grade	
Homework / Quiz Average	20%
Exam Average	60%
Final Exam	20%

Your final average will determine your letter grade for this class; determined by the following scale: A(90-100%), B(80-89%), C(70-79%), D(60-69%), F(0-59%)

**Bonus Points:** Students will have the option to correct **one** exam to improve that exam grade (final exam excluded) for up to 50% of the points missed. If the student chooses to correct an exam, the corrected exam must be turned in at the beginning of the following class meeting, with all work done on separate sheets of paper with the exam.

### Supplementary Course Information & Tutoring:

**Blackboard** is the online course management system that will be utilized for this course. This course syllabus, homework assignments, as well as any class handouts can be accessed through Blackboard. Login at <http://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 Campus Connect Pin No. (found on SPC acceptance letter)

Check Blackboard often for the latest tutoring schedule and course supplements (handouts, online practice quizzes, additional notes, sample problems for practice, etc.).

**Free Math Videos:** Visit SPC's website, [www.southplainscollege.edu](http://www.southplainscollege.edu). At the top right of the home page, click on Blackboard. Blackboard will ask for a user name and password. Use the following for both: mvideos. What will you find here? You will find videos (ordered by topic) from SPC professors and handouts (PDF) that accompany most videos. This is a great resource to use if you missed class, did not fully understand the lesson, or just simply forgot the lesson.

**Tutoring:** Students can obtain free tutoring in room M116 in the math building on the South Plains Campus in Levelland or in Building 4 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.

**The Instructor:** Students are encouraged to come see me, the instructor, during my office hours for assistance for homework or further understanding of material.

**The Internet:** The topics, along with the examples and solutions of problems that are covered in this class are freely available to you through the Internet. There are numerous webpages, PDFs, and videos that will relate to every thing that is covered in this class. Various web links will be posted in Blackboard throughout the semester for you to reference. I encourage that you search for other references and utilize these to gain a more solid understanding of the martial.

**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 room. 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, reading newspapers, 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. 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.

**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.

**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 through the Guidance and Counseling Centers at Reese Center (Building 8) 716-4606, or Levelland (Student Services Building) 716-2577.

**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.

Tentative Course Schedule \*

Week	Date	Lesson and Homework Assignment	
1	Tue, Aug 30	Introduction	
		1.3 - Adding Whole Numbers	
		1.4 - Subtracting Whole Numbers	
	Thu, Sep 1	1.6 - Multiplying Whole Numbers 1.7 - Dividing Whole Numbers	
2	Tue, Sep 6	1.8 - Introduction to Problem Solving 1.9 - Exponents, Square Roots, and Order of Operations	
		Thu, Sep 8	2.1 - Introduction to Variables And Algebraic Expressions 2.3 - Adding Integers
	<b>Tue, Sep 13</b>	<b>Exam 1</b>	
	Thu, Sep 15	2.4 - Subtracting Integers	
4	Tue, Sep 20	2.5 - Multiplying and Dividing Integers	
	Thu, Sep 22	2.6 - Order of Operations	
5	Tue, Sep 27	3.1 - Introduction to Fractions and Mixed Numbers 3.2 - Simplifying Fractions	
		<b>Thu, Sep 29</b>	<b>Exam 2</b>
	6	Tue, Oct 4	3.3 - Multiplying and Dividing Fractions 3.4 - Adding and Subtracting Like Fractions, Least Common Denominator
Thu, Oct 6			3.5 - Adding and Subtracting Unlike Fractions 3.7 - Operations on Mixed Numbers
7		Tue, Oct 11	4.1 - Introduction to Decimals 4.2 - Adding and Subtracting Decimals
			Thu, Oct 13
	8	Tue, Oct 18	4.4 - Dividing Decimals
<b>Thu, Oct 20</b>		<b>Exam 3</b>	
9	Tue, Oct 25	5.1 - Ratios 5.2 - Proportions	
		Thu, Oct 27	6.1 - Percents, Decimals, and Fractions
	10	Tue, Nov 1	6.2 - Solving Percent Problems
Thu, Nov 3		6.4 - Application of Percent	
11	Tue, Nov 8	6.5 - Sales Tax, Commission, and Discount	
	Thu, Nov 10	Review	
12	<b>Tue, Nov 15</b>	<b>Exam 4</b>	
	Thu, Nov 17	8.1 - Variable Expressions	
13	Tue, Nov 22	8.2 - Solving Equations: The Addition Property	
	<b>Thu, Nov 24</b>	<b>Thanksgiving</b>	
14	Tue, Nov 29	8.3 - Solving Equations: The Multiplication Property	
	Thu, Dec 1	8.4 - Solving Equations: Combining Properties	
15	<b>Tue, Dec 6</b>	<b>Exam 5</b>	
	Thu, Dec 8	Final Exam Review	
	Thu, Dec 15	<b>Final Exam: 10:15 am - 12:15 pm</b>	

\* The tentative calendar is subject to change. Any changes to the tentative calendar will be announced in class.