

South Plains College  
Department of Mathematics and Engineering  
Developmental Algebra – Math 0310.002  
Spring 2017 Course Syllabus

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Office Hours:

Monday	Tuesday	Wednesday	Thursday	Friday
12:30 – 1:00	9:00-11:00	12:30 – 1:00	9:00-11:00	9:00-12:00

**Textbook::** Basic College Mathematics with Early Integers, Elayn Martin-Gay, 2012, 3rd edition, Pearson Prentice Hall. You MUST bring your book to class.

**Course Description:** MATH 0310 (3:3:0) The course objective is the acquisition in precise form of those ideas or concepts in terms of which the quantitative thinking to the world is done. It emphasizes the understanding and correct usage of whole numbers, common and decimal fractions, percentages, measurements and geometry. This course will not satisfy graduation requirements. This course is required if testing indicates a need.

**Supplies:** You will need a 3-ring binder, notebook paper, a 3-hole punch, and pencils. Calculators are NOT allowed for this course.

**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 Policy:** Attendance and effort are crucial for success in this course. Record of your attendance will be maintained throughout the semester. Leaving class early and being tardy will be recorded as ½ of an absence. Sleeping in class will also be recorded as an absence. You may be dropped from this course with a grade of X or F if you are absent four consecutive days or if you accrue five absences for any reason throughout the semester. Absences are not classified as ‘excused’ or ‘unexcused’.

## **Grading Policy:**

Homework/Quizzes/Class Assignments/Binder Checks 20%

Unit Exams and Comprehensive Final 80%

### Homework/Quizzes/Class Assignments/Binder Checks:

- Homework assignments will be assigned during each class session and may be collected the following class period. Work the problems early enough to seek help if needed. You should expect to spend as much time outside of class as you do in class practicing homework problems and studying. Absolutely NO late homework assignments will be accepted. If you are absent, you must email your assignment to me before or on the day of class to earn credit for the assignment.
- Quizzes will be given during class periods to demonstrate that you have practiced the skills from the previous class/classes. Make-up quizzes will not be given.
- A class assignment will be completed during every class. If absent, these assignments may be made up by coming to my office, going over the lecture, and completing the assignment. You will be given one week to make-up the assignment, otherwise a zero will be given.
- All students will keep a binder which will be used as a reference and study guide. Your binder should be brought to class every day! The binder will be checked twice randomly by the instructor during the semester. Neatness and organization of a 3-ring binder are important. The binder should be arranged in the following manner:

Section 1: Syllabus

Section 2: Notes for each section covered—Handouts to use to take notes are posted on Blackboard. It is your responsibility to print the handouts. If you are absent, it is your responsibility to get the notes from a classmate.

Section 3: Homework

Section 4: Quizzes/Class Assignments

Section 5: Reviews/Unit Exams

These pages will be kept in chronological order.

Exams: There will be 4 unit exams given and a comprehensive final. Dates for the exams are on the course calendar. If for any reason you are going to miss an exam, you must contact me prior to class time. Make-up exams will be given at the discretion of the instructor. Once you begin an exam, you will not be able to leave the classroom until the exam is submitted for grading.

## **Grading Scale:**

A 90-100

B 80-89

C 70-79

D 60-69

F 59 or below

A grade of C (70) or better is required to advance to the next course. This course and its grade will be recorded on your official transcript.

## Learning Outcomes for Developmental Algebra (MATH 0310)

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

1. Add, subtract, multiply, and divide whole numbers.
2. Simplify and evaluate whole number expressions using order of operations.
3. Add, subtract, multiply, and divide integers.
4. Simplify and evaluate integer expressions using order of operations.
5. Multiply, divide, add and subtract fractions.
6. Solve simple equations.

### Student Responsibilities and Expectations:

1. Come to class on time and prepared to learn. (Pencils, homework, notebook)
2. Read the syllabus.
3. Take notes, participate in class, and complete course assignments early enough to seek help if needed.
4. Food and drink are not allowed in class, with the exception of bottled water.
5. Cell phones and any other electronic devices must be silenced and put away before entering the classroom. Use of these devices during class will result in a zero for that day's quiz, homework, or exam.

### Resources:

- Blackboard is the online course management system that will be used for this course. The course syllabus, handouts for notes, reviews, practice exams, as well as any other 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. Check Blackboard often for the latest tutoring schedule and course supplements.

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)

- There are videos of lectures available that can be viewed on YouTube. These videos do not replace class meetings, but can be used as supplemental material for students' use. The links is:  
[http://www.youtube.com/playlist?list=PLXbDWrtfFWZHF4E\\_87GcKkxftlSGa77HM](http://www.youtube.com/playlist?list=PLXbDWrtfFWZHF4E_87GcKkxftlSGa77HM)
- Free tutoring is available in M116 on the Levelland campus. Hours for the tutors will be posted by the door of M116 and I will also post them on Blackboard.
- I am available to help you! Feel free to come by during my office hours or email me at [kthompson@southplainscollege.edu](mailto:kthompson@southplainscollege.edu) .
- Websites that contain helpful videos:  
patrickjmt.com  
khanacademy.com

**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 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. (copied from current South Plains College catalog)

**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 at Levelland Student Health & Wellness Center 806-716-2577, Reese Center (also covers ATC) Building 8: 806-716-4675, Plainview Center Main Office: 806-716-4302 or 806-296-9611, or the Health and Wellness main number at 806-716-2529.

**Important Dates:**

- January 16: Martin Luther King Day**
- March 13 - 17: Spring Break**
- April 17: Easter Holiday**
- April 27: Last Day to Drop**

## Tentative Course Schedule

Week	Day	Date	Topic
1	<b>Monday</b>	<b>January 16</b>	<b>Martin Luther King Holiday</b>
	Wednesday	January 18	1.3 Adding Whole Numbers and Perimeter 1.4 Subtracting Whole Numbers
2	Monday	January 23	1.6 Multiplying Whole Numbers and Area 1.7 Dividing Whole Numbers
	Wednesday	January 25	1.8 An Introduction to Problem Solving 1.9 Exponents, Square Roots, and Order of Operations
3	Monday	January 30	2.3 Adding Integers 2.4 Subtracting Integers
	Wednesday	February 1	2.5 Multiplying and Dividing Integers 2.6 Order of Operations
4	Monday	February 6	Review 1
	<b>Wednesday</b>	<b>February 8</b>	<b>Exam 1</b>
5	Monday	February 13	3.2 Factors and Simplest Form 3.3 Multiplying and Dividing Fractions
	Wednesday	February 15	3.4 Adding and Subtracting Like Fractions and LCD 3.5 Adding and Subtracting Unlike Fractions
6	Monday	February 20	3.6 Order of Operations and Mixed Numbers
	Wednesday	February 22	3.7 Operations on Mixed Numbers
7	Monday	February 27	Review 2
	<b>Wednesday</b>	<b>March 1</b>	<b>Exam 2</b>
8	Monday	March 6	4.2 Adding and Subtracting Decimals
	Wednesday	March 8	4.3 Multiplying Decimals and Circumference of a Circle
			SPRING BREAK: MARCH 13-17
9	Monday	March 20	4.4 Dividing Decimals
	Wednesday	March 22	5.1 Ratios 5.2 Proportions
10	Monday	March 27	5.3 Proportions and Problem Solving Review 3
	<b>Wednesday</b>	<b>March 29</b>	<b>Exam 3</b>
11	Monday	April 3	6.1 Percent, Decimals, and Fractions
	Wednesday	April 5	6.3 Solving Percent Problems Using Proportions
12	Monday	April 10	6.4 Applications of Percent 6.5 Percent and Problem Solving
	Wednesday	April 12	8.1 Variable Expressions
13	<b>Monday</b>	<b>April 17</b>	<b>Easter Holiday</b>
	Wednesday	April 19	8.2 Solving Equations: The Addition Property
14	Monday	April 24	8.3 Solving Equations: The Multiplication Property
	Wednesday	April 26	Review 4
15	<b>Monday</b>	<b>May 1</b>	<b>Exam 4</b>
	Wednesday	May 3	Final Review
16	<b>Monday</b>	<b>May 8</b>	<b>Final Exam (1:00 pm – 3:00 pm)</b>