South Plains College   Department of Mathematics and Engineering
Math 0320: Intermediate Algebra
Section 007: TR 11:0-12:45 M126
Fall 2017 Course Syllabus

Instructor: Jennifer K Bartlett   **Email**: jkbartlett@southplainscollege.edu
Office: Levelland Campus Math 113   **Office Hours:** MW 12:00 – 2:30, F 9:00 – 12:00,
Telephone: (806)716-2664   or by appointment!

Course Description: MATH 0320 (3:3:1) Prerequisite: MATH 0315 or one year of high school algebra. This course is designed for the student who needs MATH 1314 or 1324. It includes factoring, fractions, linear equations in one unknown, graphs, systems of linear equations, exponents, radicals, and quadratic equations. Time in a math lab is required. This course will not satisfy graduation requirements.

Learning Outcomes for Intermediate Algebra (MATH 0320)
Successful completion of this course should reflect mastery of the following objectives.
Chapter and section numbers are indicated in parentheses.
1. Define, represent, and perform operations on real and complex numbers. (9.9)
2. Recognize, understand, and analyze features of a linear equation and a function. (8.3, 8.4 including topics from 3.3, 3.4 and 3.5)
3. Recognize and use algebraic (field) properties, concepts, procedures (including factoring), and algorithms to combine, transform, and evaluate absolute value, polynomial, rational, and radical expressions. (6.1, 6.2, 6.3, 6.4, 6.5, 7.1, 7.2, 7.3, 7.4, 7.5, 9.1, 9.2, 9.4, 9.5, 9.6)
4. Identify and solve absolute value, polynomial, rational, and radical equations. (6.6, 7.7, 8.7, 9.8, 10.1, 10.2)
5. Identify and solve absolute value and linear inequalities. (8.6, 8.7)
6. Model, interpret, justify mathematical ideas and concepts using multiple representations. (6.7, 7.8, 8.2, 8.5, 9.8)
7. Connect and use multiple strands of mathematical situations and problems, as well as in the study of other disciplines. (The word problems in Chapters 6, 7, 8, 9, and 10.)

Textbook: *Elementary and Intermediate Algebra*, Sullivan/Struve/Mazzarella, 3rd Edition, Prentice Hall/Pearson Education. ISBN 978-0-321-88011-6.

Supplies: You will need a 3-ring binder, notebook paper, graph paper, a 3-hole punch, and pencils. You will be allowed to use a scientific calculator. Graphing calculators and phone/tablet calculators will not be allowed. No sharing of calculators is allowed. You must bring your calculator to every class.

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. Class attendance may be taken at any time during the class period, so please do not arrive late or leave early. 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'. The last day for student initiated drops is Thursday, November16th .

Assignments: Homework assignments will be assigned during each class meeting. Quizzes may be administered at any time. Keep all class materials (notes, handouts, homework, quizzes, and exams) organized in a notebook (3-ring binder). These materials are subject to be turned in for grading at any time. Please make certain all materials accompany you to each class meeting. No late assignments will be accepted.

Exams: There will be 4 unit exams given and a comprehensive final. Once you begin an exam, you will not be able to leave the classroom until the exam is submitted for grading. The tentative exam dates are as follows:

Exam 1: Tuesday, Spetember 26th   Exam 3:Tuesday, October 31st
Exam 2: Thursday, October 12th   Exam 4: Tuesday, November 21st

Final: The comprehensive final exam will be given on Tuesday, December the 12th from 10:15-12:15. No make-up final will be given.

Grading Policy:

Grading Policy:		Grading Scale:	
Daily Work (HW, quizzes, notebook)	20%	90-100%	A
Exams (4 total)	60% (15% each)	80-89%	B
Comprehensive Final	20%	70-79%	C
		60-69%	D
		Below 60%	F

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. Grades will be posted on Blackboard during the semester.

Student Responsibilities and Expectations:
1. Come to class on time and prepared to learn. (Pencils, homework, notebook, calculator)
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.
    - 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 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 are:
    MATH 0310: http://www.youtube.com/playlist?list=PLXbDWrtfFWZHF4E_87GcKkxftlSGa77HM
    MATH 0315: http://www.youtube.com/playlist?list=PLXbDWrtfFWZEpnf_1uxFc3JL7RgftvXMn
    MATH 0320: http://www.youtube.com/playlist?list=PLXbDWrtfFWZFtPF6aDQbb7Fe7pKZfOMB8
- 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 jkbartlett@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.

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).

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.