MATH 0320.206 - INTERMEDIATE ALGEBRA

INSTRUCTOR: Steve Curbo ROOM: 221 PHONE: (806) 799-3393 e-mail: lscurbo@sbcglobal.net

Do not call to tell me you are going to be absent or ask for the assignment, the syllabus will tell you what we covered that day and when the next quiz will be scheduled.

AVAILABLE TIMES: MW 5:05-5:20 PM; MW 8:20-8:40

TEXTBOOK: ELEMENTARY AND INTERMEDIATE ALGEBRA, 4th edition, by Michael Sullivan, III, Katherine R. Struve, and Janet Mazzarellak, Perason.

COURSE PURPOSE: To provide a solid foundation in algebra for the students who have had Algebra I in high school or Beginning Algebra in college and for those who need a review of basic algebraic concepts.

ATTENDANCE: Attendance and effort are the most important activities for success in this course. If your discontinued or lack of attendance is determined by the teacher to put you at risk of failing the course, you will be dropped from the course. If you miss two consecutive weeks or six classes throughout the semester, you will be dropped by the instructor with an F.

SUPPLIES: You will need at least a scientific calculator, pencils, graph paper and a large notebook. The notebook is used for class notes. Notebook paper will be used for homework to be turned in on request.

GRADING: A homework average will be derived from grades obtained from assigned problems and quizzes.

FINAL AVERAGE = (major exams + quiz average + final exam score) The quiz average will count for 20%; each major exam will count for 15% each; the final exam will count 20% and may replace the lowest major exam grade.

GRADE IN COURSE: A (100 – 90) B (89 – 80) C (79 – 70) D (69 – 60) F (59 – 0)

A student must make a grade of C or better or repeat the course.

EXAMS: There are 5 major exams. A comprehensive final exam will be given. **There will be NO make-up exams.** The final exam score may replace a lower major exam score or a zero for a missed exam.

Quizzes: A quiz grade will be taken from assigned homework on a random basis. Quizzes will be given covering a 3 to 4 day lecture period. **There are NO make-up quizzes.**

DROPPING A COURSE: If you decide to drop the course, return a completed official drop form to the registrar's office by:
Sept. 11, the course will not be recorded on your transcript.
Nov. 14, you will receive a W or F as determined by your professor.

CALENDAR: The class calendar is tentative. It will be updated continually throughout the semester.

COURSE OBJECTIVES: The chapter and section(s) in which these objectives are found are also listed.

1. Define, represent, and perform operations on real and complex numbers. 9.9
2. Recognize, understand, and analyze features of a function. 8.3, 8.4
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. 4.4, 4.5

The two main objectives are to work with rational expressions and radicals. The main focus in Math 0320 will be in chapter 7, 8, and 9. Students will be expected to be able to factor well before they start Math 0320.

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.

Disabilities 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) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.
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BEHAVIOR AND DISCIPLINE: Students are expected to participate in class. They should come prepared to discuss the material. When students arrive they should pull their book out and begin reading the section, no talking is allowed during this time. Second, when the instructor begins the introduction of the material, students may ask questions and take notes. Third, when students are working on the assignment, they can talk quietly to one another or to the instructor. The ONLY time students may talk loudly is during discussion or outside during break. Students who do not comply will be asked to leave.

In order to be successful in this class, it is very important that students participate in doing homework on a daily basis. Set aside at least 30 minutes each day to work on homework. Second, students must read ahead. Always read the section before coming to class. Third, view tutorial videos in the comfort of your home. Fourth, work with a tutor or other classmates. Only you know how much extra study time you need. If math has never been easy for you, then put into practice these tips and you will find your comprehension of math will get better. Work hard this semester and good things will happen.

Class: Math 0320.206 **Semester: Fall 20019**

Instructor: Steve Curbo **Room: 221 Building #2**

	Monday	Tue	Wednesday	Thur	Friday
Week		8/27		8/29	
1		**PreTest/3.2/3.3**		**3.4/3.5**	
	9/2	9/3		9/5	
2	**LABOR DAY**	**3.6/Quiz #1**		**3.7/4.6**	
		9/10		9/12	
3		**4.2/4.3**	**Day 12**	**4.4/4.5**	
		9/17		9/19	
4		**Test #1**		**6.1/6.2**	
		9/24		9/26	
5		**6.3**		**6.4/6.5/Quiz #2**	
		10/1		10/3	
6		**6.6/6.7**		**Test #2**	
		10/8		10/10	10/11
7		**7.1/7.2**		**7.3/7.4**	**FALL BREAK**
		10/15		10/17	
8		**7.5/Quiz #3**		**7.7**	
		10/22		10/24	
9		**Test #3**		**8.2/8.3**	
		10/29		10/31	
10		**8.4/8.5**		**8.6**	
		11/5		11/7	
11		**8.7**		**Test #4**	
		11/12		11/14	
12		**9.1/9.2**		**9.3/9.4**	
		11/19		11/21	
13		**9.5/Quiz #4**		**9.8/9.9**	
		11/26		11/28	
14		**10.1/10.2**		**Thanksgiving**	
		12/3		12/5	
15		**Test #5**		**Final Ex Review**	
		12/10		12/12	
16		**5:30-6:45—5:30-7:30 7:00-8:15—7:45-9:45**			