Course Syllabus

Summer II 2018
Math 0320-200 – Intermediate Algebra

Instructor: Kiyomi Kaskela

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Office Hours: by appointment

TEXT: Elementary and Intermediate Algebra, Sullivan/ Struve/Mazzarella, 2018, Fourth edition, Pearson Education, Inc.

Course Specific Instructions: There are video tapes of many topics available in the room M116 in the math building at the Levelland campus. These tapes can be viewed in the lab, or checked out and taken home for viewing. These videos can also be viewed online. Go to Blackboard, for the log in name and password type "mvideos". You can then find the appropriate course and the topic in which you are interested.

Course Description: 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.

Course Purpose/Rational/Goal: The purpose of this course is to provide a background in algebra concepts necessary for MATH 1314 or 1324.

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.

Course Evaluation: Your grade will be determined by the 4 in-class tests (100 points each) and homework assignments (200 points total). There will be no makeups for any test. If you miss a test by a valid reason/documentation or wish to bring up one of the in-class test grades you have already taken, then you **must** take the final exam (100 points), and your final test grade will replace your missed test (or the lowest regular test grade). For the rest of the student, taking the final exam is optional.

Homework: Homework will be assigned each day and will be picked up on Thursday of the week and the following Monday for the assignment from the previous Thursday. Homework assignments from any one week are considered as one weekly homework grade (40 points each week; 240 points possible). If you miss a class, you are expected to get the assignment from a classmate or the instructor and stay caught up. **All work will be shown on the homework, or it will be counted as not done.**

Assessment Procedures: The summary assessment of students' mastery of the skills and concepts as specified in the expected learning outcomes will occur, with appropriate course grades assigned as follows:

540 – 600	A	In-class tests (4 x 100)	400	
480 – 539	B	Homework (5 x 40)	200	
420 – 479	C			
360 – 419	D			
Below 360	F			
			600	

Attendance Policy: A student who misses a total of three absences will be dropped from the class. If you miss a class, you are expected to get the assignment from a classmate or the instructor.

Core Objectives:
> **Communication Skills:**
> Develop, interpret, and express ideas through written communication
> Develop, interpret, and express ideas through oral communication
> Develop, interpret, and express ideas through visual communication

Critical Thinking:
> Generate and communicate ideas by combining, changing, and reapplying existing information
> Gather and assess information relevant to a question
> Analyze, evaluate, and synthesize information

Empirical and Quantitative Competency Skills:
> Manipulate and analyze numerical data and arrive at an informed conclusion
> Manipulate and analyze observable facts and arrive at an informed conclusion

Student Learning Outcomes/Competencies:
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.)

Academic Honesty: You are expected to uphold the ideas of academic honesty. All work that is graded must be your own. This policy applies to all work attempted in this course. If this policy is violated the student will receive an **F** for the assignment and will be dropped with an **F**.

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 Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Classroom Civility: Students are expected to assist in maintaining a classroom environment that is conductive to learning. Please be respectful of your fellow classmates. ***Turn off all cell phones, pagers, and electronic devices (Ipods, I watch, Mp3 players, etc.) before entering the room*** and refrain from reading newspapers, chewing tobacco products, or otherwise being disruptive in class. Also, ***no food or drinks in the classroom are allowed.***
If you have a valid reason to keep your cellphone or other electronic devices on, don't hesitate to discuss with me <u>before</u> class.
> ***"Your cellphone cannot be seen or heard in the classroom."***
> *(Consequence: a 5-point reduction from the upcoming test.)*

Student Dress: Reasonable standards of decency apply to the college community. The student should dress in a manner which does not distract from the academic atmosphere. Revealing attire or clothing carrying obscene or offensive slogans are not permitted. In all academic buildings, classrooms, offices, the Student Center, and dining facilities, students are required to wear shirts and shoes.

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.

Disclaimer: The instructor reserves the right to alter any class policies as deemed necessary by the instructor, and will announce any changes in class. If a student has any questions about a change in policy ask the instructor for clarification.

Recording Lectures: To improve the teaching method, the instructor may record the lecture with or without a notice.

Tentative Course Schedule (Summer II 2018)

Week	Day	Sections to be covered
1	14-July	**Syllabus**, 6.1, 6.2, 6.3
2	July 16 – July 19	6.4, 6.5, 6.6, 6.7, 7.1, 7.2, 7.3, 7.4, 7.5
3	23-July	7.5, 7.7, 7.8
	24-July	7.8, **Test 1 (6.1 – 7.4)**
	July 25 – July 26	8.1 – 8.4
4	30-July	8.6, 8.7
	31-July	8.7, **Test 2 (7.5 – 8.4)**
	Aug. 1 – Aug. 2	9.1, 9.2, 9.3
5	6-Aug	9.4, 9.5
	7-Aug	9.5, **Test 3 (8.6 – 9.3)**
	Aug. 8 – Aug. 9	9.6, 9.8, 9.9
6	Aug. 13	10.1, 10.2
	Aug. 14	10.2, **Review**
	Aug. 15	**Test 4 (9.4 – 10.2)**
	Aug. 16	**Final Exam (Comprehensive)**

Monday, August 6	Last Day to Drop a Course

Final Examination:

Thursday, August 16	12:00 NOON – 1:55 PM	RC227 (this classroom)