MATH 070   ELEMENTARY ALGEBRA   FALL 2010

Instructor: Ella Kleshcheva
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Office Hours:
Mon: 12:00-12:50, Tue, Fri: 10:00-10:50,
or by appointment

Required Text: *Beginning and Intermediate Algebra, 3rd edition,* by Miller, O'Neill, Hyde. Either the publisher's edition or the custom version printed for the University of Oregon may be used for this class.

Other Required Materials:

- Graph paper for graphing lines (you shouldn't need more than 20 sheets)

- Ruler

- Stapler

- Paper without frayed edges (remove them when tearing from a notebook) for your homework assignments

Recommended Materials: TI-83+ graphing calculator. We will not be using calculators on quizzes or exams, however you may use one for the homework. This calculator is recommended by the department for all math classes above Math 95.

Course Description: Math 70 is a non-credit Elementary College Algebra class designed for college students to prepare them to succeed in Math 95 Intermediate Algebra class and ultimately to lay the foundations for them to succeed in all future math classes. In math 70 we will study chapters 1-6 from the book. Chapters 7-11 of the same book will be studied in Math 95 course. Math 70 course is not for college credit and is graded on pass/no-pass basis only. A passing grade is **C- or better**.

Objectives: By the end of this class students should be able to:

- Correctly and efficiently perform arithmetic with signed numbers

- Correctly and efficiently perform arithmetic with fractions

- Simplify and evaluate algebraic expressions

- Simplify and solve linear equations

- Graph linear equations in two variables

- Solve systems of linear equations by graphing, substitution, and addition methods

- Manipulate exponential expressions, and use scientific notation.

- Factor quadratic and other polynomial expressions

- Solve quadratic and polynomial equations by factoring

Homework (10% of final grade): Homework will be assigned for each section of the textbook covered in class. I will collect homework twice a week, usually on Tuesdays and Fridays. There will be time (5 minutes) at the beginning of class for homework questions. Any further questions you have can be addressed during my office hours. Not all of the assigned problems will be graded. I will randomly pick up 5 problems from each assignment and grade them for accuracy. You have to show work to get any credit. Late homework will not be accepted for any reason. Two lowest homework scores will be dropped.

Attendance and Participation (10% of final grade): Attendance is required. To keep track of your attendance I will collect all in-class worksheets. Some of them will be graded and counted toward your attendance and participation grade. You will not be able to get in-class worksheets after class. The lowest worksheet score will be dropped. If you miss a class it is your responsibility to find out what was missed and catch up with the material.

Quizzes (10% of final grade): There will be 6 quizzes during the term. Quizzes will be given during the last 20 minutes of class on Wednesdays. There are no make-ups on quizzes. The lowest quiz score will be dropped.

Midterms (40% of final grade): Midterm exam make-ups are available in case of emergency or illness. Please make arrangements with me before the exam time or after the fact as soon as possible.

- **Midterm I:** Monday, October 18

- **Midterm II:** Monday, November 17

Final Exam (30% of final grade): Tuesday, December 7, 10:15 am.

Blackboard: You can use our Blackboard website to see syllabus, schedule, homework assignments, your grades and more.

To access our class blackboard site go to **https://blackboard.uoregon.edu/**

General Suggestions:

- Don't get behind in your work, homework, etc.

- Participate in class, ask questions, make use of my office hours.

- Form a study group with others in the class. Feel free to work on homework together–but everyone must join-in and work.

- If you think you'll need extra help, get a tutor right away. Check with Academic Learning Services (room 68 PLC).

- Academic Learning Services also maintains a free drop-in lab with tutors starting from week 2 (room 72 PLC, Mon-Fri: 9-4.)

Math 070 Fall 2010 Tentative Class Schedule:

Week	Monday	Tuesday	Wednesday	Friday
1. Sep 27 - Oct 1	1.1, 1.2	1.3, 1.4	1.5, 1.6	**HW1 is due** 1.7
2. Oct 4 - Oct 8	2.1, 2.2	**HW2 is due** 2.3	2.4 **Quiz 1**	**HW3 is due** 2.5
3. Oct 11 - Oct 15	2.6	**HW4 is due** 2.7	2.8 **Quiz 2**	**HW5 is due** Review for Mid I
4. Oct 18 - Oct 22	**Midterm I**	3.1, 3.2	3.3	**HW6 is due** 3.4
5. Oct 25 - Oct 29	3.5	**HW7 is due** 3.6	4.1 **Quiz 3**	**HW8 is due** 4.2
6. Nov 1 - Nov 5	4.3	**HW9 is due** 4.4	5.1 **Quiz 4**	**HW10 is due** 5.2
7. Nov 8 - Nov 12	5.3	**HW11 is due** 5.4	5.5	**HW12 is due** 5.6
8. Nov 15 - Nov 19	5.7	**HW13 is due** Review for Mid II	**Midterm II**	6.1, 6.2
9. Nov 22 - Nov 26	6.3	**HW14 is due** 6.4	6.5 **Quiz 5**	Thanksgiving no class
10. Nov 29 - Dec 3	6.6	**HW15 is due** 6.7	6.8 **Quiz 6**	**HW16 is due** Review for Final
Finals Week		**Final Exam** Dec 7, 10:15		