

Math 125 [Intermediate Algebra]

Fall 2014, WLAC

(Original: 9/2/2014)

Section: 4485

Time & Classroom: MW 4:30 pm – 7:05 pm at MSA 202

Instructor: Cho, Michael

Office Hours & Room: MWF 4:00 pm – 4:30 pm at MSA 202

Messages: chomd@elac.edu

Textbook: *Intermediate Algebra*, 11th Edition by Lial, Hornsby, McGinnis

Prerequisites: Math 115 or 118 with a grade of C or better, or appropriate placement level demonstrated through the mathematics assessment process

Course Description: Manipulative skills in algebra are developed and strengthened in the course. The topics include rational exponents, the complete number system of algebra, Algebraic and graphical solutions to linear and quadratic equations, logarithmic and exponential functions, elementary theory of equations and inequalities and conics.

Student Learning Outcome:

1. Select and use appropriate algebraic techniques to solve a wide variety of equations and systems of equations.
2. Analyze, model, and solve application problems including those involving variation.
3. Construct and analyze graphs of functions, inequalities, and conic sections.

Grading: The cut-off scale for an A, B, C, D will be 90, 80, 70, 60. *Any students with the final exam score below 45 will NOT receive a passing grade even with course average above 70.* The course grade is computed by the following: **Test: 60, Final Exam: 30, Homework: 10.**

Incompletes: A grade of "Incomplete" may be granted at the very end of the term, only when 90% of the course work has been completed with a grade of "C" or better, but an unforeseen event or illness prevents the student from completing the coursework. "Incomplete" grade situations are extremely rare, and are entirely at the discretion of the instructor, within the parameters set above.

Extra Credit: There will be five projects. Each project is due on the test date. Note that some of the test problems may be similar to the project problems. *No late project will be accepted.*

Tests/Final: Calculator is not allowed during the test. There will be four tests and a final. The lowest test score will be replaced with the final if the final score is better than the lowest test score. The final exam is comprehensive and every student must take the final exam. There will be **No make-up** for missed tests or the final exam, no matter what the reason. Refer to "Tentative Schedule" for four test dates and one mandatory final exam date.

Attendance: Students must attend all class sessions and **be on time**. Each student must sign a sign-in sheet which is available during the first ten minutes of each class, and a sign-out sheet at the end of each class. If any student comes in late or leaves early, then it will be counted as a tardy. Two tardies will be counted as an absent, and students with more than four absences may be dropped from this course.

Homework: Homework will be assigned every class meeting and is due within the first ten minutes of every class meetings. You may allow for 2 hours of homework for each hour in class. Work must be readable, ordered and **written in pencil**. *No late homework will be accepted.* The following should be included in each homework; Assignment section number (highlight with a yellow or pink marker), Problem number, and Student ID assigned in the class. Homework will be graded on completeness, correctness of solutions, and explanations.

Students with Disabilities: Students with disabilities who believe they may need accommodations in this class are encouraged to contact Disabled Students Programs and Services located in HRLC 119, phone number 310-287-4450 as soon as possible to better ensure such accommodations are implemented in a timely fashion

Academic Dishonesty: All students are expected to conduct themselves with the highest standards of ethics and behavior. Violations of Academic Integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade.

Remember:

1. **Inside the classroom:** Turn off cellular phone. Neither food, nor drink except bottled water. No disturbing talk while the instructor is teaching.
2. If you don't understand, ask questions, or take advantage of Math Lab.
3. Photo ID is required for each test.
4. If you need to drop this class, it is your responsibility;
Last day to drop "without W": 10/31 (F) "with W": 12/5 (F)

Math 125 Tentative Schedule

Fall 2014, WLAC

Intermediate Algebra, 11th Edition by Lial, Hornsby, McGinnis

Date		Sec	Homework [Note: (o) means "odd numbers only"]	Questions?
9/3	W	2.1	Page 54: 17 – 43 (o), 55 – 61 (o)	
		2.2	Page 62: 1 – 11 (o), 15 – 19 (o), 51 – 55 (o)	
9/8	M	2.3	Page 74: 7 – 19 (o), 27, 29, 51, 53, 57, 59	
		2.4	Page 84: 21, 23, 29, 31, 39, 40, 41, 43	
		2.5	Page 99: 9 – 33 (o), 47 – 57 (o)	
9/10	W	2.6	Page 108: 7 – 53 (o)	
		2.7	Page 118: 1, 11 – 33 (o), 37 – 83 (o), 87 – 103 (o)	
9/15	M	3.1	Page 143: 9, 13 – 31 (o), 35 – 51 (o), 57 – 63 (o)	
		3.2		
9/17	W	3.3		
		3.4		
		3.5		
9/22	M	3.6		
		4.1		
9/24	W	4.2		
			Test #1 (Ch 2, 3)	
9/29	M	4.3		
		5.1		
10/1	W	5.2		
		5.3		
10/6	M	5.4		
		5.5		
		6.1		
10/8	W	6.2		
		6.3		
10/13	M	6.4		
		6.5		
		7.1		
10/15	W	7.1		
		7.2		
10/20	M	7.3		
			Test #2 (Ch 4, 5, 6)	
10/22	W	7.4		
		7.5		
		7.6		
10/27	M	8.1		
		8.2		
10/29	W	8.3		
		8.4		
1/3	M	8.5		
		8.6		
11/5	W	8.7		
		9.1		
11/10	M	9.2		
			Test #3 (Ch 7, 8)	
11/12	W	9.3		
		9.4		
11/17	M	9.5		
		9.6		
11/19	W	9.7		
		10.1		
11/24	M	10.2		
		10.3		
11/26	W	10.4		
		10.5		
12/1	M	11.1		
			Test #4 (Ch 9, 10)	
12/3	W	11.2		
		11.3		
		11.4		
12/8	M	11.5		
		12.1		
12/10	W		Review for Final	
12/15	M		Final (4:00 pm – 6:00 pm)	

“Do I Invest Enough Time In This Class?”