

WLAC FALL 2013
MATH 123B ELEMENTARY & INTERMEDIATE ALGEBRA II (4 units)
Section #1484 TuTh 8-10:05 a.m. in CE 222

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Prerequisite: Math 123A passed with a C or better, or equivalent. You are expected to be proficient in the topics of Math 123A (essentially Chapters 1-5 of our textbook).

Student Learning Outcomes:

1. Perform operations involving rational and radical expressions, real and complex numbers, and functions.
2. Use appropriate techniques to solve equations, including: linear and quadratic equations; equations involving radical or rational expressions or absolute value; and systems of linear equations.
3. Solve and graph linear and compound inequalities in two variables.
4. Graph and analyze linear functions.
5. Analyze, model, and solve “story” problems (applications) within the above scope.

Required Text: **Beginning & Intermediate Algebra by Lial, Hornsby & McGinnis.** The Bookstore has a WLAC Custom Edition which is substantially the same as the regular 5th ed (2012, ISBN- 9780321715869). The remainder of the book will be used in Math 123C.

Calculator Policy: You should be able to perform by hand basic operations involving integers, fractions, decimals, and square roots. You may use a basic calculator on certain quizzes and exams. Calculator policy will be announced in class. Calculators with symbolic (such as graphing calculators) and communication (such as a phone) capabilities are not allowed on quizzes/exams.

Community is built on mutual trust and respect. Every class is a community of learners, and we can enjoy this semester better if we become a team with a common goal. In order to learn and thrive in this class, we all need to invest the time and effort necessary for success.

In order to maintain this trust, please be respectful to your instructor and fellow students. Refrain from talking during lectures. Silence your cellphones and do not use your phone or electronic devices in class. Repeated warnings for disruptive behavior or phone usage may result in you being dropped from the class.

You can hold me accountable as your teacher—I will commit to do my very best to teach, to motivate, to support, to be available, and to walk alongside you on this 16-week journey.

I will hold very high standards and expectations for you as well. I trust that you will take this class very seriously and will work to the best of your ability; you will come to class on time, ready to learn and participate; you will complete the homework daily; you will seek help when needed; you will be prepared for exams; and you will abide by the Academic Honor Code. **DO NOT BREAK THIS TRUST!**

Have the right attitude, and you may be surprised at what a wonderful, fun, fruitful semester this could be. ☺

Success is not final, failure is not fatal: it is the courage to continue that counts. -John Wooden
Failure to prepare is preparing to fail. - John Wooden

Attendance is mandatory. You should plan to arrive to each class *on time* and *stay for the entire class session*. If you are absent two times or late/leave early four times, you may be dropped from the class. Absences and tardies will reflect poorly on your grade.

You will be responsible for **all announcements** made in class. If you miss class, please be sure to contact a classmate for all announcements.

Homework assignments are an essential part of the course. Start TODAY and DO HOMEWORK DAILY!!

- Homework sets are due on the **due dates (exam days)**. However, as an allowance, one (and only one) homework set may be turned in late (by the next class).
- Homework is assigned for each section and should be completed daily before the next class meeting, according to the lectures and sections covered in class.

HW write-up guidelines (your homework will NOT be graded if these are not followed):

- Check HW lists for assigned problems. These will be distributed progressively.
- Start each section on a new page. Write the textbook section number and assigned problems at the top of the page. Keep pages organized.
- Do not crowd problems together. There should be NO MORE than 2 problems on each line (no more than 2 columns). If you wish to divide the page into two columns, fold the paper or draw a line down the middle with a ruler. Leave a line between problems.
- Number your problems clearly (in the margin or circled).
- Word problems do not need to be copied out.
- Write out solutions neatly and completely, step-by-step, with the correct mathematical notation.
- Make sure you check your answers in the back of the textbook or solutions manual (but *after* you have tried the problems).
- All work must be shown neatly and legibly (pencil is best).
- *If work is not shown with the correct steps or if it is too messy, you will not receive credit.*
- Homework sets must be stapled in order, and remove frayed edges please (or just use binder paper!).
- Check out www.purplemath.com and read the article “How to suck up to your teacher”!!

Homework that shows signs of copying (whether from the answers or someone else) will receive no credit. If ANY part of your homework contains only final answers with no work, the entire homework packet will receive no credit. Excessive copying will be treated as academic dishonesty.

Homework is graded mostly on a basis of effort, completeness, and neatness/organization. Selected problems may be graded for accuracy. Do your best to complete most of the homework -- understand that the value of doing homework consistently and seriously is to help you gain the practice and skills needed to do well on quizzes and exams.

Quizzes, classwork, and other assignments may be given occasionally. These must be turned in on time and no make-ups will be given. The two lowest scores of quizzes/classwork/assignments will be dropped.

Exams Chapter exams and a final exam make up the bulk of your grade. Be present on exam days! There will be NO make-up exams. If you miss an exam, it is unlikely that you will do well in the class.

ONLY exception: If you miss an exam because of an extreme emergency (with a valid document to prove it— e.g. hospital note, police report, court document, etc.), inform me right away ON THE DAY of the exam (by email or voicemail) if you wish to make-up the exam the next day. You MUST provide the official document.

Please be patient for exams to be graded and returned. It will usually take at least 2 weeks.

The Cumulative Final Exam is mandatory and MUST be taken on the college-scheduled date. The final exam is an assessment of the student's mastery of the course material from the entire semester. It is expected that the student's final exam will reflect the expected level of mastery. As such, a score below 50% on the final exam will result in a non-passing grade (D/F/NP) for the course regardless of the student's overall percentage.

Cheating in any form will not be tolerated. Students are expected to abide by the Academic Honor Code. Anyone caught cheating will receive a score of zero, and will be reported to the College Disciplinarian.

All students who are requesting **disability-related accommodations** (including learning disabilities) should contact Disabled Student Services and inform me as soon as possible.

Grades: Your semester grade will be calculated according to the following weighted scale:

Homework Packets (2% x 4)	8%
Quizzes/Assignments/Classwork	6%
Chapter Exams (14% x 4)	56%
Final Exam	30%

Total	100%

Overall class grade is assigned as follows (Adjustments may be made at instructor's discretion):

A = [90-100%], B = [80-90%), C = [70-80%), D = [55-70%), F = [0-55%).

Drop deadlines: It is your responsibility to be aware of college drop deadlines and regulations, and to inform me if you intend to withdraw from the course.

Avoid 'W' on permanent record by 9/6; Drop and receive a 'W' by 11/15.

(VERY) TENTATIVE SCHEDULE

*schedule is subject to change. You are responsible for all changes.

Date	Text Section	Date	Text Section
T 8/27	Welcome and Introduction Diagnostic and some review (5.1, 5.2) Things to do before the end of the week: 1. Get the textbook if you don't have one. 2. Read the syllabus carefully. 3. Do your homework!		
Th 8/29	5.2, 5.3, 5.4	T 10/22	8.6
T 9/3	5.5, 5.6	Th 10/24	9.3
Th 9/5	6.1, 6.2	T 10/29	9.1; Review
T 9/10	6.3, 6.4	Th 10/31	Review Exam 3 (Chapter 8; 9.3); HW DUE
Th 9/12	6.5, 6.6	T 11/5	9.2
T 9/17	6.7	Th 11/7	10.1, 10.2
Th 9/19	7.1, 7.2; Review	T 11/12	10.3
T 9/24	Review Exam 1 (Chapters 5 and 6); HW DUE	Th 11/14	10.4, 10.5
Th 9/26	7.3	T 11/19	10.6
T 10/1	7.4	Th 11/21	10.7; Review
Th 10/3	7.5, 7.6	T 11/26	Review Exam 4 (9.1, 9.2; 10.1-10.6); HW DUE
T 10/8	8.1; Review	Th 11/28	No class—Thanksgiving holiday
Th 10/10	Review Exam 2 (Chapter 7); HW DUE	T 12/3	Review
T 10/15	8.2, 8.3	Th 12/5	Review
Th 10/17	8.4, 8.5 Continued on next column	T 12/10	Cumulative FINAL EXAM on Chapters 1-10 (includes math 123A topics) 8 - 10 AM