

Instructor:

Bonnie Blustein, Ph.D.

*Professor of
Mathematics*

310-287-4217

blusteb@wfac.edu

MSB 205



Maybe you've always been good at math. Maybe not. Either way, I'm here to help you master the new material (and maybe to unlearn old mistakes) so that you can move ahead with your plans for an AA degree, transfer and - we all hope!—a job that will allow you to live comfortably and do meaningful work.

That's not easy today, when many students face real obstacles, and the kind of work we need is hard or impossible to find. So, while we're struggling with Algebra this semester, let's also spend a little time thinking about what education and work should really be like -- and how we can make that happen!



**MATH TEACHER * COUNSELING * WLAC
STUDENT HEALTH * EOP&S * TRIO ***



**PROJECT LEARN * DSP&S * HLRC TUTORS *
STUDY GROUPS * VETERANS CENTER * ASO**

LA COUNTY HOTLINE 911

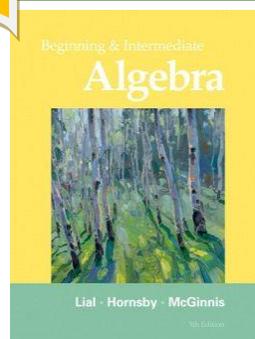
Math 123C (4 units)

(#1446) MTWTh 8:00 - 9:05 am MSA 202

(#1447) MTWTh 11:10 am - 12:15 pm SC 106

Elementary & Intermediate Algebra III

FALL 2015



YOU NEED THIS BOOK NOW! Find it on the Web for less. The 4th edition would be okay. More info inside.

Or you may do homework on the free site www.interactmath.com and find instructional videos on YouTube and use any Intermediate Algebra text for reference.

**REMEMBER THAT THE WAY TO SUCCEED IS
TO DO A LOT OF PROBLEMS (CORRECTLY)!**

Math 123C Spring 2015
Elementary and Intermediate Algebra III (4 units)

(#1446) MTWTh 8:00 - 9:05 am MSA 202
(#1447) MTWTh 11:10 am - 12:15 pm SC 106

This is the third module of a 3-semester combined Elementary and Intermediate Algebra course. The exit level for 123C is the same as Math 125 or Math 128. Students will take the Departmental Intermediate Algebra final exam.

Prerequisite: Mathematics 123B with a grade of "C" or better, or equivalent preparation approved by the Chair of the Mathematics Division.

Instructor: Dr. Bonnie Blustein 310-287-4217 blusteb@wlac.edu

Office Hours: If you need help or want to chat, the best times to find me in my office (MSB 205) are usually Monday 1-2:45 p.m., Tuesday 7:30-8 a.m., Wednesday 7:30-8 a.m., Thursday 1-2:45 p.m. or by appointment. You may stop by any afternoon to see if I'm free, or email me to set up an appointment.

Textbook: Beginning & Intermediate Algebra by Lial, Hornsby & McGinnis. The Bookstore has a WLAC Custom Edition which is basically the regular 5th ed (2012, ISBN-[9780321715869](#)) We will cover chapters 10-14 in this course, but the final exam is cumulative so we will also review earlier material. **You can get the 5th edition (used or in electronic form) much more cheaply on-line.**

Free tutoring is available in the Learning Resource Center (Library). Please use it! You may also use the Math study room (MSB 217) where an instructor is often accessible.

Students with disabilities should contact Disabled Students Programs and Services located in SSB 320 (310-287-4450) immediately to arrange accommodations. The instructor will do everything possible to comply with ADA and all other mandates, and to assist you.

Most of us are dealing with a lot besides class: job (or joblessness), family problems, child care, health or housing issues, and many other impacts of the deep crisis in our society today. The **WLAC Health Center** can hook you up with a counselor to help you deal with stress. Other programs on campus that can help include **Workforce Development, TRIO-SSS, EOP&S, Counseling, the Veterans' Office, Project Learn** and **DSPS**. Let me know what you need, and I will try to point you in the right direction.

The LA County hotline is **211** - it refers you to publicly available services.

IMPORTANT DATES:

FIRST DAY OF CLASS: MONDAY, August 31

Last day to add a class, or to drop without W: Friday, September 11

Last day to drop with W: Friday, November 20

Final Exam: (#1446) Wednesday, December 16, 8-10 a.m.

(#1447) Thursday, December 17, 11:30 a.m. - 1:30 p.m.

Students may take the exam at either time.

HOW TO SUCCEED IN MATH123C:

Do a lot of math problems and make sure that your answers are correct!

Math is not a “spectator sport.” Most students will need to spend 1.5 hours or more each day, outside of class, plus weekend time, practicing math.

- Specific problems will be assigned but NOT collected. DO THEM.
- Ask questions!
- Form study groups. Meet in the Library and ask for a tutor to join you.
- Keep all of your work in an organized fashion and use it to study for tests.
- We will use Reading Apprenticeship techniques in this class.

Begin each study session by reviewing your class notes and the text. Then do the assigned practice problems. Finally, preview the next day’s section, either in the text OR by watching an online video.



Materials: Please bring your math notebook (with graph paper), pencils, a scientific or graphing calculator (but see below) and the textbook to class each day.

Calculators: Calculators or laptops with symbolic manipulation capabilities (CAS) are not allowed on tests. That includes the TI-Nspire series, Casio ClassPad or Algebra FX2+ or Prizm, HP Prime, etc. Also not allowed on tests are calculators built into a phone or any other device with communication capability.

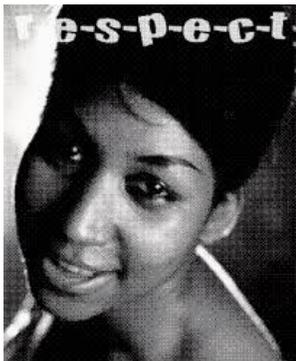
Attendance: Successful students will be in class on time every day, stay to the end, and participate in all class activities. College policy lets an instructor drop a student who has missed more than six hours of class. If you are absent too much (for any reason) AND you are not passing, you may be dropped without notice.

If you miss a test, you MUST call or email me ASAP to let me know why, and when you can take a make-up. If you miss two or more days in a row, please let me know why. If you can’t complete the class, it is YOUR responsibility to drop the class (“withdraw”) on or before Friday, November 20, 2015.

LET’S TALK IF YOU ARE THINKING ABOUT DROPPING THE CLASS and try to make a plan for you to succeed.

“Did I miss anything?” Yes! The schedule in this packet tells you what we’re working on each day. If you miss a class, look for an instructional video on YouTube or read the text, and try the homework problems. Consult a tutor or use the instructor’s office hours to get help.

R E S P E C T: Yourself, Classmates, Instructor



- Practice positive behavior (cooperation, civility, helpfulness, constructive engagement). Participate fully in all class activities.
- Avoid disruptive behavior (side conversations, negative comments or rudeness to classmates or instructor, eating/drinking in class, wandering in and out of the room, responding to non-emergency texts or phone calls, coming late or leaving early without an urgent reason, etc.).
- Maintain the highest standards of academic honesty. Collaboration is encouraged on most homework, classwork, take-home assignments, and test corrections. However, you may NOT give or receive help on tests (except make-up points) and you may not turn in someone else’s work as your own.

If you are discovered committing any act of academic dishonesty (cheating), you will receive no credit (“zero”) for the test or assignment AND you will be suspended from class AND the case will be referred to the Vice-President for Student Affairs. For further information see the WLAC Catalogue and Schedule of Classes.

Evaluation/Grading

All the work you do in class and at home should help you achieve the course **Student Learning Outcomes** at a level that **prepares you for success in your next Mathematics course and in other situations requiring Algebra skills**. You know why you are taking this class and I am confident that you can succeed, if you devote enough time to the work. I am here to help you do that. “Grades” and “points” are feedback on your progress.

Ideally, education would be very different from today’s schooling. There would be no points or tests or grades. But we must continue to struggle to create the social conditions necessary for this. Meanwhile, I will have to assign you a grade in December. It will be based on the rubric described below.



Quizzes (10) - 10% of grade. These will be short in-class exercises, generally during the first ten minutes of class on Thursdays during weeks without tests. No make-up quizzes for any reason. The lowest two scores will be dropped.

In-Class Tests (4) - 60% of grade

These in-class exercises will mainly be “constructed-response” (show all work). Up to half the points lost on each test (except the last) may be earned back by turning in corrections. Make-ups will only be given if there is a valid, documented excuse and if requested promptly. Options for earning-back points may be limited. **In-class tests are scheduled for THURSDAYS. No test scores will be dropped.**

Final Exam - 30% of grade

This will be a two-hour departmental cumulative multiple-choice test during the regularly scheduled final-exam period. It will cover Ch. 2-14 with emphasis on the last half of the book. This is the same exam taken by students in Math 125.

Grades: “Incomplete” grades are extremely rare and may only be considered if a student is passing the class with a C or better on November 20 **and** is unable, due to an emergency, to complete the course on time. Otherwise, you must *withdraw* by Friday, November 20, 2015.

The **grading scale** will be no stricter than:

90-100% A 80-89% B 70-79% C 55-69% D under 55% F

However, if your score on the final is 70% or higher **AND** you have been attending regularly and taking tests, you will pass the class.

If you are planning to continue in the STEM sequence of math courses, a C is **NOT** “good enough.” Aim high.

Math 123C Course SLOs

1. Solve quadratic, exponential, and logarithmic equations
2. Graph and analyze quadratic, exponential, and logarithmic functions and conic sections
3. Analyze, model, and solve applications (“story” problems) within the scope of the above

Schedule- Subject to change by Instructor

- These are the problems you should do AFTER class. Use weekends and Monday mornings to catch up.
- “Orally” means you don’t have to write it down. “eoo” means “Every Other Odd” problem
- ALWAYS check answers to odd problems in the back of the book, as you go.

Week #		MONDAY	TUESDAY	WEDNESDAY	THURSDAY
1	Aug. 31- Sept.3	10.1 #1-6 oral, 7-139 eoo	10.1 #143-150 all 10.2 #1-10 oral, 11-35 odds	10.2 #51-103 eoo 10.3 #3-59 eoo	QUIZ 1 (10.1-10.2) 10.2 105-108 all 10.3 #63-123 odds, 125-132 all Ch. 6 "test" (in book)
2	Sept. 7-10	LABOR DAY HOLIDAY	10.4 #1-61 odds	10.5 #1-105 odds	QUIZ 2 (10.3-10.5) 10.5 #1-105 odds Ch. 6 Review #50-65
3	Sept. 14-17	10.6 #7-55 odds, 63-67 all	10.7 #7-87 odds	Summary Exercises pp. 642-43; Ch. 10 "test" p. 655-666	Test 1 (Ch. 10 and rev. ch. 6) Ch. 10 Cumul. Review
4	Sept. 21-24	11.1 #1-4 oral, 5-61 eoo, 65-69 all 11.2 #3-57 odds	11.3 #5-53 odds	11.4 #7-81 odds	QUIZ 3 (11.1-11.3) 11.5 #5-55 odds Summary exercises p. 700 (after 11.4)
5	Sept. 28 - Oct. 1	11.6 #1-35 odds, 37-46 all	11.7 #5-47 odds	11.7 #34-48 evens 11.8 #1-30 all	QUIZ 4 (11.4-11.7) 11.8 #31-48 all Ch. 7 review #1-36
6	Oct. 5 -8	7.3 #5-53 eoo 7.4 #3-35 odds,	7.4 #45-55 odds, 56-66 all 7.5 #3-83 eoo, 85-86	Ch. 11 Review #25-61 odds Ch. 7 Review #37-54	Test 2 (Ch. 11 and rev. ch. 7) Ch. 11 Cumulative Review
7	Oct. 12-15	12.1 #1-37 all	12.2 #1-36 all	12.2 #37-42 all 12.3 #1-47 odds	QUIZ 5 (12.1-12.3) 12.3 #48-66 Ch. 8 "Test"
8	Oct. 19 - 22	12.4 #1-32	12.4 #33-62	12.5 #1-41 odds	QUIZ 6 (12.4-12.5) 12.5 #42-48 all, 49-57 odds, 58-70 Ch. 8 Rev. #25-35

SCHEDULE - Subject to change by Instructor - Part II

Week #		MONDAY	TUESDAY	WEDNESDAY	THURSDAY
9	Oct. 26- 29	12.6 #1-45 odds, 47-64	Ch. 12 Rev. #1-36	Ch. 12 Rev. #37-76	TEST 3 (Ch. 12 and rev. ch. 8) Ch. 12 Cumulative Rev
10	Nov. 2-5	13.1 #1-24 all, 25-41 odds	13.2 #1-26 all, 29-41 all	13.2 #49-54 all	QUIZ 7 (13.1-13.2) 13.3 #1-35 all Ch. 9 "test"
11	Nov. 9-12	13.3 #36, 43-48 13.4 #1-28 all	13.4 #29-48 all Ch. 13 review #1-16	VETERANS' DAY HOLIDAY	QUIZ 8 (13.3-13.4) 13.5 #1-20 all Ch. 9 rev #1-22 all
12	Nov. 16- 19	13.5 #21-40 all Ch. 13 review #17-26 (graph all!)	Ch. 13 rev. #27-46 all Ch. 9 rev #23-36 all	Ch. 13 "test" Ch. 9 rev #37-52 all	Test 4 (Ch. 13 and rev ch. 9) Ch. 13 Cumulative Rev
13	Nov. 23-26	14.1 #1-51 eoo 14.2 #1-43 eoo, 45-52 all	14.3 #1-51 odds Ch. 2 Rev. #19-34 all	14.4 #1-41 odds Ch. 2 Rev. #35-78 all	THANKSGIVING HOLIDAY
14	Nov. 30 - Dec. 3	14.4 #2-42 evens Ch. 14 rev. #7-13, 33-36	In-class Practice exam (part 1) Ch. 14 rev. #37-40 Ch. 14 "test" #11-22	Ch. 4 Rev. #29-43 odds, 89-108 all SAMPLE FINALS	QUIZ 9 (Ch. 14) Ch. 14 Cumulative rev SAMPLE FINALS
15	Dec. 7-10	Ch. 5 Rev. #57-84 all SAMPLE FINALS	Practice exam (part 2) 6.7 #4-32 evens SAMPLE FINALS	6.7 #34-42 all SAMPLE FINALS	QUIZ 10 (assorted story problems) SAMPLE FINALS
16	Dec. 14-17	FINALS START		Cumulative Final Exam (NO MAKE-UP POINTS) WED. Dec. 16 8:00 - 10:00 am	Cumulative Final Exam (NO MAKE-UP POINTS) THURS. Dec. 17 11:30 am- 1:30 pm

