

Syllabus

Math 125

Intermediate Algebra

Fall 2019

Instructor Information

Name:

Beverly Gunderson

Office hour:

Wednesdays from 5:45pm-6:45pm

Location:

CMS 247

Email:

Gunderbh@laccd.edu

Text Book

Intermediate Algebra by Open Stax. Available for free at

<https://open.umn.edu/opentextbooks/textbooks/intermediate-algebra-2017>



Course Information

Section number: 18326

Lecture time: 7:00pm - 9:30pm

Location: CMS128

Prerequisites: Math 115, or 123B

Calculators: Scientific calculators are required. Any kind will do the job. No graphing calculator, cell phone, IPOD, nor hand held computers are allowed during in class assessments.

Grading		
Final Exam	25%	The final is a common final made by the math department and has two parts. A multiple choice part and a free response part.
Tests	50%	Best 4 out of 5 exams (The lowest test score of the 5 will be dropped, unless you were assigned a zero due to academic dishonesty)
Classwork	5%	Will be assigned in class and graded for corrected and completeness.
Online Homework	20%	This will be done through XYZ.

Final: The final is cumulative and has a free response portion and a multiple choice portion. The free response portion will be written and you must show work to earn credit. You are required to take the final exam to pass the class. No make-up finals will be allowed. The final will be on **December 9, 2019 from 8:00pm-10:00pm.**

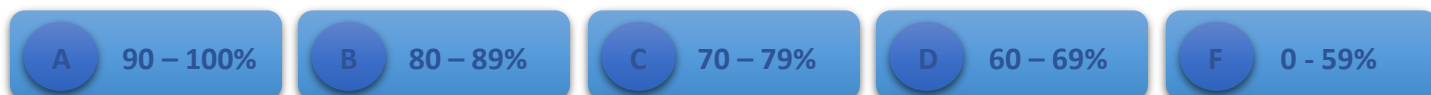
Exams: There will be five exams. They are all written and in free response format. They cover about two chapters worth of material each. You have to show all your work on exams to earn full credit. Students are not allowed to use notes during exams. The tentative testing schedule is given in the timeline at the end of this syllabus. The lowest exam score is dropped. I strongly encourage you to study for and take ALL exams, because should circumstances force you to miss an exam, you will certainly appreciate the “freebie”.

Online Assignments: In order to access the required homework, and practice tests you will need to register with the XYZ online program. The access code for XYZ can be purchased online or in the bookstore packaged with the new textbook sold in the bookstore. You are not required to purchase the book since an e-version is included in the XYZ online program.

You should work on your homework as each section is completed in class. It is your responsibility to complete all the online assignments by the stated due date shown online. Since XYZ does not grade each step of your work, it is important that you write down your work on paper showing all the steps clearly. This is important for me to be able to identify the mistakes you made, and to give you credit if deserved. All XYZ scores will be automatically transferred to the instructor after you hit the save/submit button. **No extensions will be granted,** however I reopen homework one week before every exam to prepare and catch up.

Classwork: Classwork will be given regularly in the form of group work or individual work. Active learning is very effective, especially in a Math class. Classwork is also my way of taking attendance and checking that you were in class.

Your grade in the course is determined according to the following scale:



For borderline cases attendance, participation, and level of improvement on the final are considered.

Tutoring

If you have questions and/or cannot make it to office hours, or you just like to get more help, free tutoring is available at the STEM Center located in CMS 121. The hours of the Center are: Mon-Friday 10 AM – 8 PM, and Fri-Sat 10 AM – 4 PM.

Description: This is the first course in Algebra. There will be a brief review of concepts learned in pre-algebra using more challenging illustrations and examples. Topics include the real number system, integer exponents, polynomials and factoring, rational expressions, radicals, solving different types of equations (linear, quadratic, rational and radical), linear equations and inequalities in two variables, systems of linear equations in two variables, and problem solving involving the different types of equations.

Student Learning Outcomes:

By the end of the course, a successful student will be able to:

1. Solve, graph, and analyze various equations or systems of equations and inequalities.
2. Interpret, graph and analyze various functions.

Attendance: Regular and punctual attendance is expected from all of us. Unlike most other courses, missing just one mathematics class will immediately place you at a disadvantage because it is difficult, if not impossible, to catch up on the missed material by yourself. You are responsible for all material presented and discussed in every class meeting. The procedures for dropping classes are detailed on page 58 of the 2015-2016 Los Angeles Mission College Catalog.

Withdrawals: If you stop attending the class (or wish to drop a class), YOU MUST DROP THE CLASS YOURSELF – OFFICIALLY – on or before **November 20, 2016** (by internet only). Failure to do so may result in a grade of “F” in the class. A new state policy in effect as of 2012 limits students to **three attempts per course**. Receiving a grade or a “W” for a course counts as an attempt, **regardless of when the course was taken**. Withdrawal by the deadline to avoid a “W” will not count as an attempt. For Fall 2016 the deadline to avoid a “W” is **Sunday, September 11**.

Cell Phones: Please turn off your phones before coming to class. Class time is for learning and interacting with me and your classmates, not for personal or business calls.

Cheating: Any form of academic dishonesty will not be tolerated. If caught, you may be given a zero for that particular exam or quiz. The event will be reported to the Math Department Chair who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion.

Student Conduct: Students are expected to adhere to all school policies, and to abide by the standards of student conduct as described in the 2015-2016 Los Angeles Mission College Catalog on pages 35 and 36. Any infringement upon the rights of other students in the class, such as talking or disruptive behavior will not be tolerated.

Miscellaneous: To be successful in this and any other math class, expect to spend **at least** two hours for every class hour. If you have prior engagement such as work and a full load schedule, it will affect your success in this class. So please prioritize and set yourself realistic expectations. Do not take on more than you can handle. Please stop by my office any time throughout the semester and let me know how I can help you. Keep in mind that the majority of the learning that you do in college courses takes place outside of class. What you get out of this class is a reflection of what you put into it. Mathematics is not a spectator sport. You have to put in the work to see the results!

Important Dates for Fall 2016:

Last day to add classes:	Sunday 09/08/19
Last day to drop without a “W”:	Sunday, 09/08/19
Last day to drop with a “W”:	Sunday, 11/17/19
Math 125 Final Exam:	Monday, 12/09/19

Accommodations for DSPS students:

LAMC students with verified disabilities who are requesting academic accommodations should use the following procedure:

Step 1: Obtain documentation of your disability from a licensed professional. You may contact DSPS to request a *Disability Verification Form*.

Step 2: Make an appointment to meet with a DSPS Specialist to review your documentation and discuss reasonable accommodations. To schedule a meeting, please call DSPS at (818)364-7732.Step

3: Bring your disability documentation to your DSPS appointment. The DSPS office is located in room 1018 of the Instructional Building.

Step 4: *Each semester*, reach written accommodation agreement with the DSPS Specialist and your instructor.

To be most effective, students should complete this process by the end of the 3rd week of the semester. Tests with required accommodations must be taken at the DSPS office.

Resources:

- **Management of Stress and Mental Health:**
If you, or someone you know is in distress due the pressure of succeeding in school and contending with work, financial issues, relationships, managing time effectively, getting enough sleep, etc., please visit the Student Health Center (SHC), which offers a broad range of confidential student services including counseling and mental health services. The SHC is located in the Campus Services Building. The SHC webpage is lamission.edu/healthcenter and the phone number is 818-362-6182. The National Suicide Prevention Lifeline number is 800-273-8255.
**Please note that the SHC is slated to move into its new location, between the President's Office and Administrative Services, in the Spring 2016 semester.*
- **Bookstore:** For hours of operation, book availability, buybacks, and other information call (818) 364-7798 or 364-7768 or visit: <http://eagleslanding.lamission.edu/>
- **Counseling Department:** For appointments and information call (818) 364-7655 or visit <https://www.lamission.edu/counseling/>
- **Extended Opportunity Programs and Services:** For appointments and information call (818) 364-7645 or visit <http://www.lamission.edu/eops/>
- **Financial Aid:** For information and applications call (818) 364-7648 or visit <http://www.lamission.edu/financialaid/>
- **Library:** For information on library hours, resources, workshops, and other services contact (818) 364-7105 or 364-7106 or <http://www.lamission.edu/library/>
- **Tutoring Services in Learning Center:** Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call (818) 364-7754 or visit <http://www.lamission.edu/learningcenter/>
- **STEM Program:** For those interested in pursuing a science, technology, engineering and math, please call the STEM counselor Marina Sangkavichai at (818) 833-3425 or visit <http://www.lamission.edu/stem/>

Success and Study Tips

- 1. Attend class--** Choose to attend all class periods on time and don't leave early. If you are absent on a day that a quiz is given, you lose the points for that quiz. Also, knowledge in any math class is extremely cumulative. What you miss one day will continue to hurt you throughout the rest of the course.
- 2. Pay attention--** Pay attention in class, participate in class discussions, and ask questions. The instructor regularly gives away tips for exams and quizzes, so make sure you take note of them.
- 3. Do all homework--** Do or attempt all homework not for the sake of just doing it, but trying to understand the concepts, learning them in the process. "Practice makes perfect" applies not only to music and sports, but also in mathematics. Be sure to schedule sufficient time to complete your assigned tasks before the next class period.
- 4. Get help--** Know how to get help if you need it. Consult instructor during posted office hours. These hours are for you to visit me and ask questions and express any concerns you have. Use the resources available to you for free (especially the Math Center which provides drop-in Math tutoring).
- 5. Keep up with all work--** Getting behind will "snowball" on you very rapidly. Do your homework on a daily basis.
- 6. Study math everyday--** Don't leave all the work until the weekend. No one can "digest" so much math all at once, no matter how much time you spend trying. Math is best studied in bite-sized, digestible pieces. That means studying a few hours every day.
- 7. Read the text--** Reading your math text should be done slowly and carefully... it doesn't read like a novel or a magazine. It is important that you learn the language of math; you cannot succeed in any math course without learning to express yourself in that language. Only by reading your text carefully and regularly can you learn it. Also, make sure to check the additional resources available at the beginning or the end of the textbook.
- 8. Get Organized--** Organize your class materials, including homework assignments, graded quizzes and tests, notes and any worked out review problems. These items will make valuable references when studying for upcoming tests and the final exam.
- 9. Find other students to study with.** Group work can be very productive, and is very much encouraged. You'll be given opportunity to work in a group so exchange email and phone numbers with a couple of students in the class.

Name: _____ Email: _____ Phone: _____

Name: _____ Email: _____ Phone: _____

- 10. Strive for understanding not just rote memory.** Understanding greatly enhances your ability to comprehend later material. Memory is unreliable, and temporary. Understanding is intense, never lost...and exciting!

Math 125 Tentative Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
26	27	28	29	30
2.1/2.2/2.3		2.5/2.6/2.7		
2	3	4	5	6
Labor Day No School		3.1/3.2		
9	10	11	12	13
3.3/3.4/3.5		3.6 and Review		
16	17	18	19	20
Exam 1 (CH 2 and CH 3)		4.1/4.2/4.3		
23	24	25	26	27
4.7/6.1/6.2/6.3		6.4/6.5 and Review		
30	October 1	2	3	4
Exam 2 (CH 4 and CH 6)		7.1/7.2		
7	8	9	10	11
7.3/7.4		7.5/7.6		
14	15	16	17	18
8.1/8.2/8.3		8.4/8.5/8.6		
21	22	23	24	25
8.7/8.8		Exam 3 (CH 7 and CH 8)		
28	29	30	31	November 1
9.1/9.2		9.3/9.4		
4	5	6	7	8
9.5/9.6		9.7/9.8 and Review		
11	12	13	14	15
Veteran's Day No School		Exam 4 (CH 9)		
18	19	20	21	22
10.1/10.2/10.3		10.4/10.5		
25	26	27	28	29
11.1/11.2/11.3		11.4/11.5 and Review	Thanksgiving	Thanksgiving
2	3	4	5	6
Exam 5 (CH 10 and CH 11)		Final Review		
9	10	11	12	13
FINAL EXAM 8PM - 10PM				