

Los Angeles  
Mission College

## Mathematics 125 – Intermediate Algebra

Section 3345 T Th 4:05 – 6:35 PM

Spring 2014  
CMS 022

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Email: [windsor.lamcmath@me.com](mailto:windsor.lamcmath@me.com)

**Textbook:** Beginning & Intermediate Algebra, Martin-Gay, LAMC Custom Edition  
(Packaged with **MyMathLab in MyLabsPlus** access code)

**Class Website:** [faculty.lacitycollege.edu/windsor/public\\_html/lamcmath125/Home.html](http://faculty.lacitycollege.edu/windsor/public_html/lamcmath125/Home.html)

**MyLabsPlus Website:** [www.lamc.mylabsplus.com](http://www.lamc.mylabsplus.com)

**MyLabsPlus Username:** **Your Student ID number**

**MyLabsPlus Password:** **PASSWORD** (Change the password during your first login.)

<u>Table of Contents</u>	<u>Page</u>
<b>Admissions Drop Date Information</b>	<b>10</b>
<b>Attendance</b>	<b>3</b>
<b>Calculator</b>	<b>9</b>
<b>Class Participation</b>	<b>3</b>
<b>Course Description</b>	<b>2</b>
<b>Disabled Student Programs &amp; Services (DSPS)</b>	<b>10</b>
<b>Email Requirement</b>	<b>2</b>
<b>Final Examination</b>	<b>9</b>
<b>Financial Aid Office</b>	<b>10</b>
<b>Grade</b>	<b>9</b>
<b>Help</b>	<b>10</b>
<b>Homework</b>	<b>4</b>
<b>Partial Credit for Tests</b>	<b>8</b>
<b>Phone and Computer Apps</b>	<b>4</b>
<b>Prerequisite</b>	<b>2</b>
<b>Quizzes</b>	<b>5</b>
<b>Student ID Requirement</b>	<b>2</b>
<b>Student Learning Outcome</b>	<b>2</b>
<b>Supplies</b>	<b>11</b>
<b>Tests</b>	<b>6, 7</b>

## **Prerequisite**

Math 115 with a grade of 'C' or better, or appropriate skill level demonstrated through the math assessment process.

## **Course Description**

Fundamental laws, exponents, radicals, equations (linear, quadratic, and some of higher degree), systems of equations and inequalities (linear and quadratic), conics, complex numbers, functions, logarithms and binomial theorem.

## **Student Learning Outcome**

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

## **Email Requirement**

Have a valid email address for use with MyLabsPlus. Check this email regularly as correspondence for this class will be made through this email address.

Remember to regularly check your LACCD student email account for all campus and district communications. (<https://student.laccd.edu/sso/>)

You may also forward all LACCD student email to your personal email address. ([https://moodle.lattc.edu/pluginfile.php/158435/mod\\_page/content/19/Steps2ForwardEmail.pdf](https://moodle.lattc.edu/pluginfile.php/158435/mod_page/content/19/Steps2ForwardEmail.pdf))

## **Student ID Card Requirement**

Have a valid Student ID Card issued by LAMC. Cards are issued in the Business Office with a receipt of your class schedule. Your fees do not have to be paid for the school to issue you a Student ID Card. The cost of your first Student ID Card is free. It will cost \$5.00 for any replacement.

**Present your Student ID Card each day when attendance is taken.**

## **Attendance**

This course has two class sessions per week. Attendance at all class sessions is required.

**Arrive to class on time.** If you are not in your seat at the beginning of class, you will be marked tardy. If you are not in your seat within the first 30 minutes of class, you will be marked absent. Four tardies will count as one absence. Two absences will make you eligible to be dropped from the class by the instructor.

**You may be dropped from the class due to excessive absences.** The instructor may drop you from the class on your third or fourth absence. On your fifth absence, you will be dropped from the class if the instructor has not already done so.

**You may withdraw from the class up to Friday of the 12<sup>th</sup> week of the semester.** After that, you will remain on the class roster and receive a letter grade for the class.

## **Class Participation**

**Prepare for every class by watching video(s) and/or taking notes.**

**Videos for every lesson are on the MyLabsPlus website.** To watch a video lesson, login to MyLabsPlus and select Homework and Tests. You will find the video lessons in the Homework section. There is a set of videos for each section of the textbook. Videos should be available all semester long. You are also encouraged to take notes from the video lessons.

**Notes for every lesson are on the Class website.** To take class notes, get on the Internet, go to the class website, and click on “(Class Notes)”. Select the appropriate class notes file. A pdf file should appear.

It is to your advantage to write out the class notes. Write the notes and examples out using different color pens for emphasis. Use 8½” by 11” paper with the Note Template format. You can write the notes and examples exactly as you see them or in your own style.

Continue taking notes in class as the lesson is given and more examples are presented. All notes are kept in your 3-ring binder. Keep them organized by date in a **Notes** section.

### **Class time.**

You start class at your tables by trying some exercises from previous lessons (Review). Work with the other students at your table to finish these exercises. Have your class notes out so you can refer to the previous lessons. During this time I take attendance.

**Have your Student ID out at your table (or write your name on a piece of paper).**

The lesson follows the review. I present the lesson, demonstrate more examples, answer any questions, and do my best to fill in any knowledge gaps. Bring your notebook and supplies to class every day.

## **Phone and Computer Apps**

**Dropbox.** (www.dropbox.com) A cloud service with 2GB of free storage. Download and install on home computer or laptop. Create an account. Free.

Click on '**Sharing**' (rainbow icon-left side of screen). Click on the '**New shared folder**' button (near top center). Choose '**I'd like to create and share a new folder**' (default). Name the folder '**Your Last Name, First Name (3329)**'. Click '**Next**'. Type my email address [windsor.lamcmath@me.com](mailto:windsor.lamcmath@me.com) in the box and press '**Share folder**'. When I accept, we will both be able to access this folder.

**Dropbox.** (iOS App Store.) Download on your iPhone and/or iPad. Free.

**Dropbox.** (Google Play Store.) Download on your Android Phone. Free.

**CamScanner Free.** (iOS App Store.) Download on your iPhone and/or iPad. Free.

**CamScanner – Phone PDF Creator.** (Google Play Store.) Download on your Android Phone. Free.

**Puffin.** (iOS App Store.) Download on your iPad. Free. (iPad browser for MathXL)

**Notability.** (iOS App Store.) Download on your iPad. \$2.99. (Note-taking app)

## **Homework (10% of Grade)**

Become a master of all the objectives this course asks you to learn by trying each exercise in every homework assignment. You are expected to spend at least two hours outside of class for each hour of class time.

### **Homework Format**

Homework is found on the Internet at the MyLabsPlus website. Each homework assignment corresponds with the section lesson.

**Document each homework assignment.** Work each exercise on paper using the HW Template format. Be sure to input the answers into MyLabsPlus for your grade.

**Keep your homework papers in your 3-ring binder.** Organize the homework in a **Homework** section by "Chapter.Section".

### **Homework Logistics**

Each homework assignment is available for at least 4 days.

Most homework assignments become available the day before the lesson. You are encouraged to take notes from the video lesson(s) and/or class notes and start on the homework the day before the lesson.

Most homework assignments are to be completed by 11:59 pm 3 or 4 days after the lesson.

All homework due dates are listed on the MyLabsPlus website.

## **Quizzes (10% of Grade)**

Quizzes give you more practice with the objectives taught. Quizzes also give you practice on questions without knowing if the answers are correct. You must work all quiz questions, then submit the quiz for grading. Taking a quiz is training you for taking the test.

### **Quiz and (Practice for Test) PFT Quiz Format**

Quizzes and PFT Quizzes are found on the Internet at the MyLabsPlus website.

Each Quiz corresponds with lessons taught during the week. Each PFT Quiz corresponds with the lessons that will appear on the test.

**Document each Quiz and PFT Quiz.** Work each question on paper using the QUIZ Template format. Be sure to input the answers into MyLabsPlus.

Do not work more than 8 quiz exercises per side of a single page.

**Keep your Quiz and PFT Quiz papers in your 3-ring binder.** Organize the Quizzes and PFT Quizzes in a **Quiz** section by either “Quiz number.attempt” or “PFT Quiz number.attempt”.

### **Quiz and (Practice for Test) PFT Quiz Logistics**

All quizzes (Quiz and PFT Quiz) can be taken and reviewed three times.

Each quiz (Quiz and PFT Quiz) is available for at least 4 days.

For each testing cycle, there is a Quiz the 1<sup>st</sup> weekend and a PFT Quiz the 2<sup>nd</sup> weekend.

Each Quiz contains at most 12 questions.

Each PFT Quiz contains at most 32 questions. **For this reason, PFT Quizzes are worth 2.5 times more than a Quiz.**

Attempt each Quiz and PFT Quiz after you do all homework corresponding to that Quiz or PFT Quiz. After your first attempt, review the Quiz or PFT Quiz questions that were marked with a red **x**. Use the “Help Me Solve This” or “View an Example” button for tutoring.

You may retake each Quiz or PFT Quiz two more times to improve your score.

Quizzes and PFT Quizzes may be taken/retaken until 11:59 pm the day they are due. All Quiz and PFT Quiz due dates are listed on the MyLabsPlus website.

**Your PFT Quiz score is part of the process to determine whether you will be allowed partial credit on each test.** For more details on partial credit, read the syllabus section **Partial Credit on Tests.**

## **Tests (54% of Grade)**

There are 7 chapter tests during the semester. **There are no makeup tests.** Consult the class Calendar for test dates.

**Treat each test as a major event in the class.** All homework counts as 10% of your overall grade. Each test counts as 9% of your overall grade. You only have one attempt at each test. Prepare by attending class lectures, working on homework exercises for mastery, taking the quizzes and the PfT quizzes with review and retakes, and receiving additional help with tutoring and study groups.

### **Test Format**

Test questions are worked in a **SMALL BLUE BOOK** (or **SMALL GREEN BOOK**).

**Your instructor will ask for your small blue (or green) book at the class meeting before the test date. See the class calendar for BB Due.**

Penalty: -5 points off test grade for not turning in a small blue book.

**Have your small blue (or green) book prepared before class.**

**Write the following on the FRONT COVER of your small blue (or green) book:**

- ✓ **Test Name** (*i.e. Test 1. See Calendar for test names. Write test name near top left.*)
- ✓ **Your Name**
- ✓ **Subject** (*Math 125*)
- ✓ **Section Number** (*3345*)
- ✓ **Instructor's Name** (*Windsor*)
- ✓ **Date of Test** (*See calendar for test dates.*)
- ✓ **Grade** \_\_\_\_\_ % (*i.e. 83%, Fill in the number following completion of the test.*)

Penalty: -5 points off test grade for turning in a blue book with the front cover incomplete.

**Label each page of the small blue (or green) book.**

Label page 1 with **Q1** (Question 1). Label the back of page 1 with **Q2** (Question 2). Continue labeling the front and back of each page **Q3/Q4, Q5/Q6, ... , up to Q15/Q16.** Check to make sure the pages are labeled and that the last page is Q16.

Penalty: -5 points off test grade for turning in a blue book with pages not labeled correctly.

**During the test, each question has its own page.** Question 1 should be written, worked, and answered on the page marked Q1. Question 2 should be written, worked, and answered on the page marked Q2. etc. If any question is written, worked, or answered on an incorrect page, you may lose all points for that question.

There will be no more than 16 questions on a test. There may be less than 16 questions.

## Test Logistics

**The following procedures must be followed for all tests. If any of these procedures are not followed, you may lose all points for the test or the question(s) involved.**

**Show up to the “testing room” early on test day.** Have last minute conversations with your classmates until you are allowed to enter the room.

**Look at the seating list to find your computer seat number and the seating chart to find the location of your computer in the room.** The seating list and seating chart will be taped to the window outside the classroom.

**Enter the room, sit at your computer seat, and login to the computer.**

**Have the appropriate supplies on the table while taking the test.**

Have your scientific calculator (no cover), writing instruments, eraser, ruler, and graphing squares.

**Open Internet Explorer.** Navigate to [www.lamc.mylabsplus.com](http://www.lamc.mylabsplus.com). Login to MyLabsPlus.

**Find the test link and click on it.** You will need a password to start.

**Raise your hand when you are at the password page and are ready to start.** The instructor will give you the password or enter it for you.

**Write each test question on the appropriate page of the blue book.**

For word problems, do not spend time writing the entire question on paper. Instead, paraphrase the problem, and/or write down the important information and/or set up a table.

**Work each test question in the blue book showing all necessary steps.**

**Graphs on the xy-axis should be drawn in the blue book as well as in MyLabsPlus.**

[Have graphing squares ready for such questions.](#) [Adhere the graphing squares to the appropriate page.](#)

**The final answer for each question must be written in the blue book and easily identifiable.**

**For tests taken on MyLabsPlus, carefully input each answer into the computer.**

**For tests taken on MyLabsPlus, double check each answer you type into the computer.** MyLabsPlus will grade mistyped answers the same as an incorrect answer, **zero points**. MyLabsPlus homework and quizzes will give you plenty of practice inputting answers.

**Use the entire class time to work on the test questions.** If you finish early, rework test questions and/or check answers for possible errors.

**Press the submit button when finished.** Write the grade as a percent on the front cover.

## **Partial Credit on Tests**

**Partial credit on tests is not universally given in this class.** There are two levels of partial credit on tests. Eligibility starts with your performance on the associated PfT Quiz.

Unlike quizzes, you will not be able to review the test questions immediately after you submit. When you submit your test, green checks and red x's will not be shown until after the test is over for **all** students.

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### **Partial Credit, Level 1**

**Eligibility: Score at least 70% on the associated PfT Quiz.**

**If you are eligible, do the following:**

Review your test **after class is over** on test day. Go to the RESULTS section of MathXL and find the test name. Click **Review**. When reviewing, correct answers are shown. Holding your cursor over the correct answer will show your answer. Make a note of any questions that were marked with a red **x** where the correct answer looks similar to your answer.

**Send me the following email:**

**Subject: Partial Credit, Level 1, 3345**

**Body: Your name, your PfT # Quiz scores (all attempts), your Test # score, and the question number(s) where the correct answer looks similar to your answer. You do not need to explain why you should get partial credit for each question number submitted.**

I will look at the work in your blue book and determine if you deserve any partial credit.

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### **Partial Credit, Level 2 (Best)**

**Eligibility: Score at least 80% on the associated PfT Quiz  
AND score at least 70% on the test.**

**If you are eligible, send me the following email:**

**Subject: Partial Credit, Level 2, 3345**

**Body: Your name, your PfT # Quiz scores (all attempts), your Test # score, and the following sentence "Please check Test # for Partial Credit, Level 2."**

This is all you need to write in the email. I will look at the work in your blue book for all questions MathXL marked incorrect and determine if you deserve any partial credit.

**Do not send two emails for partial credit.** If you are eligible for Partial Credit, Level 2, send me that email. Level 2 partial credit covers any Level 1 partial credit plus more.

**Warning: When I look through your blue book, I may find testing procedural errors. You may lose points on questions where testing procedures were not followed. Read the section covering Test Logistics.**

**You have 3 days after the test to potentially earn some partial credit. Do not delay.**



## **Final Examination (26% of Grade)**

**Tuesday, June 3, 2014 @ 5:30 pm in CMS 122**

The final examination is comprehensive.

PfFinal quizzes will be available the last week of class. Each quiz contains up to 30 questions. The questions are from each section of the textbook covered during the semester.

You may take each quiz 3 times. The final examination will be made up of questions from these PfFinal quizzes.

For your small blue book, the name of the test is FINAL EXAM. Label 2 questions per page instead of the normal 1 question per page. The first page has Q1 and Q2 and the last page has Q31 and Q32.

## **Calculator**

You may use a stand-alone scientific calculator for homework, quizzes, and tests. Calculators like the Sharp EL-531, 535, 516, Casio FX-115, 300, and TI-30, 34 are examples of a stand-alone scientific calculator.

No graphing calculators, cell phone calculators, or other types of calculator that do not fit the description of a stand-alone scientific calculator may be used.

## **Grade**

Your grade will be determined on a percentage basis in four categories:

**Homework (49), Quizzes (20), Tests\* (6), and the Final Examination (1)**

**\*There are no makeup tests.** If you miss a test, a grade of zero will be given. Of the 7 tests, your lowest test score will be dropped and the best 6 tests will count for your test grade.

### **Grading Scale**

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

### **Grading Basis**

Homework	10%
PfT, Pf Quizzes	10%
Tests	54%
Final Exam	26%
<hr/>	
TOTAL	100%

**In addition, you must score at least 50% or greater on the final examination to receive a grade of A, B, or C.** If your overall grade after taking the final examination is passing, but your score on the final examination is less than 50%, you will receive a D grade.

## Help

- Ask your instructor and/or classmates questions before, during, and after class.
- Tutoring is available in the **STEM Center**.  
**CMS 121, M-Th 10 am – 8 pm, F 10 am – 4 pm, Sat 10 am – 2 pm**
- Form a study group with classmates and meet several times a week and on weekends.

Please do not hesitate to contact me if you have any difficulties or if you are going to miss a class meeting. Use the Calendar to keep track of class events.

## Admissions Drop Date Information

**The deadline to drop without a “W” is Sunday, February 23, 2014.**

Why is this important? New rules have become active in the State of California. A “W” grade now counts as one of your 3 attempts for this class.

This semester the last day to drop without a grade of “W” **in person** is **Friday, February 21, 2014** or **online** is **Sunday, February 23, 2014**.

If you must drop a course, drop before the specified deadline for dropping a class without a grade of “W.” Dropping *after* this date will result in a “W” on your transcript. Effective Fall 2012, students will only have 3 attempts to pass a class. If a student gets a “W” or grade of “D”, “F”, “I”, or “NP” in a class, that will count as an attempt.

*A student’s past record of course attempts district wide will also be considered.* Therefore, you should carefully consider if you can reasonably manage this course with the other factors in your life (e.g. work, family, course load).

**If you think you will not be able to complete this course with a C or better, drop by Sunday, February 23, 2014.** If you have any questions, please don’t hesitate to talk to me. You may also see a counselor in the Counseling Center.

**The deadline to drop with a “W” is the last day of Week 12.** If you are failing the course and do not want an F on your transcript, drop **online** by **Sunday, May 11, 2014**.

## Disabled Students Programs & Services (DSPS)

Students with a verified disability who may need a reasonable accommodation(s) for this class are encouraged to notify the instructor and contact the Disabled Student Programs and Services (INST 1018, 818-364-7732) as soon as possible. All information will remain confidential.

## Financial Aid Office

If you need help paying for books and other college expenses, contact the Financial Aid Office. For information and applications call (818) 364-7648 or visit the Financial Aid website [www.lamission.edu/financialaid](http://www.lamission.edu/financialaid).

## **Supplies**

Bring your notebook and all necessary supplies to class each session.

**Textbook:** Beginning & Intermediate Algebra, Martin-Gay, LAMC Custom Edition  
(Packaged with **MyMathLab in MyLabsPlus** access code)

**MyLabsPlus Access Code:** If you buy a new book at the LAMC “Eagles Landing” bookstore, a MyLabsPlus access code is packaged free. You may purchase MyLabsPlus access online without purchasing the textbook. There is an ebook available through MyLabsPlus.

## **Other Supplies**

8 small blue (or green) books (For 7 Tests and 1 Final Exam)

A 3-ring binder (For Calendar, Syllabus, Notes, Homework, Quizzes)

8½” by 11” college ruled paper (To take notes and do homework and quizzes)

8½” by 11” graph paper (For homework and quizzes that require graphing)

Eraser(s)

Highlighters (Yellow and one other color)

Pens (Different colors to imitate my lesson writing style)

Pencil(s)

Post-it Super Sticky Notes, 4 x 6 inches, White with Blue Grid, 2 pack. (Graphing squares)

Ruler

Scientific Calculator (See Calculator section for approved calculators)

Stapler