

## MATH 40 INTERMEDIATE ALGEBRA

Spring 2011

CRN 22496 TTh 12:00 - 2:50 PM Rm 618

**Instructor:** Arlene Larios

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Or by appointment.

**Prerequisite:** MATH 020 Elementary Algebra or equivalent, with a grade of C or better, or math skills clearance.

**Course Description:** 4 hours of lecture plus 1 hour Supplemental Instruction (SI) per week plus 1 hour lab arranged per week. This course includes products and factoring, exponents and radicals, fractions, functions and graphs, linear and quadratic equations, linear inequalities, logarithms, and related topics at an intermediate level.

The goal of the Transfer Achievement Program (TAP) is to encourage and support students in their goal of transferring to a four-year college or university. This goal is met by offering a comprehensive, student-centered instructional, and peer-supportive program tailored to meet the needs of today's community college students. Students are required to attend one hour per week for SI session. Failure to attend two SI sessions is equivalent to one absence. All students are to attend SI the class meeting before an exam and the last meeting of the semester before the final. There will be no SI the day of an exam. SI will be held from 2-2:50 PM following the regular class in **Rm 618**.

**Student Learning Outcomes:** Upon successful completion of Math 40, the student will be able to:

- identify an equation as linear, quadratic, radical, rational, exponential, or logarithmic, and solve the equation using an appropriate method,
- produce the completely factored form of a polynomial,
- perform operations on and simplify polynomials, rational expressions, radical expressions, logarithmic expressions, or exponential expressions at an intermediate level, and
- evaluate a function with a numerical or variable argument, and produce the graph of the function by plotting points.

**Required Material:** For this course you must have

- **Textbook:** Lial, Hornsby, McGinnis, Intermediate Algebra, 10th edition. Bring the textbook to every class meeting and to every SI meeting.
- **MyMathLab:** MyMathLab (MML) is required for this course. All homework will be completed using MyMathLab. The course ID is **larios83124**. The website is <http://coursecompass.com>
- **Calculators:** A scientific (non-graphing) calculator will be required for selected topics. Sharing of calculators is prohibited for quizzes and exams. Cell phones, PDA's, and Palm Pilots are not allowed.
- **Notebook:** You need a 1" or 1.5" three ring notebook with five divider tabs.

- **Paper:** All paper that is handed in must be 8.5" x 11" or 8" x 10.5". Graph paper will be needed for all graphing.
- **Writing Utencils:** All work that is turned in must be done in pencil. Exams and quizzes are to be written in pencil. Colored pens or colored pencils are recommended for note taking.

**Math Lab:** The arranged hour each week is to be completed in the Math Lab. Each week you are required to spend 50 minutes in the Math Lab. Time will be recorded by scanning your ID card each time you enter and exit the Math Lab. If you forget your ID card you are still able to use the Math Lab, however the time spent in the Math Lab will not be recorded. Math Lab time will be checked each week. If you have not met the requirement for the week it will be recorded as half an absence. Math Lab time cannot be made up.

The Math Lab is located in room 807 in the Library/LRC. The hours of operation are Monday-Thursday 7:00 AM - 8:45 PM, Friday-Saturday 7:00 AM - 3:00 PM. For more information about the Math Lab please see the website <http://math.fullcoll.edu/math-lab.html>.

**Homework:** Homework will be assigned daily and is to be completed by the next Tuesday at 11:59 AM. The lowest 3 homework assignments will be dropped.

Most homework is to be completed using MML; some assignments will be completed from the textbook or class handouts. When using MML, it is not required to complete an assignment in one sitting. You can save the work you have completed so that you can return again later. You also have the option to print your assignment, complete the problems, and then enter your answers on the computer later. Be aware that you may need extra time incase you made a mistake and need to redo the problem. In order to complete your assignments by the due date you will need to make use of the resources available to you when you encounter a difficult problem. Tutoring is available in the Math Lab (1st floor of the library building, room 807), there is an "Ask Your Instructor" button next to the homework problems, or you can come to office hours if you have questions.

Either print your homework assignments and do your work next to the problem or write down each problem on loose leaf paper and show all work, as if you were completing a written assignment, so that you will be able to study your homework before quizzes and exams. Practice showing work for each problem as demonstrated in class. Late homework will be accepted for a penalty of 3% per day that it is late. After the due date you may access previous assignments for practice without trying to improve your grade.

Taking the time to do a good job on your homework and understand every problem that is assigned is essential to your success in this class. Do not procrastinate! The purpose of homework is to develop the skills and concepts being covered in the class. Plan to spend a minimum of two hours per night reading the text, reviewing your notes, and completing the assigned problems.

**Quizzes:** There will be 11 quizzes (about 10 minutes) each worth 10 points. Quizzes may be cumulative. Each quiz will be taken at the beginning of class on the days indicated on the schedule. Calculators may not be allowed on some quizzes. The lowest quiz will be dropped. QUIZZES CANNOT BE MADE UP\*.

**Exams:** There will be *four* exams. All exam dates are given on the attached schedule. Any changes to the schedule will be announced in class. EXAMS CANNOT BE MADE UP\*.

- **Thursday, Feb. 10** Exam 1 will cover Chapter 2-3
- **Thursday, March 10** Exam 2 will cover Chapter 4-6
- **Thursday, April 7** Exam 3 will cover Chapter 7-8
- **Thursday, May 5** Exam 4 will cover Chapter 9-10

\*If an emergency arises the instructor must be contacted immediately. Preferably before the quiz or exam is missed, no later than the end of the day.

**Final Exam:** There will be a mandatory comprehensive final exam given during the final week of the semester. Failure to take the final exam will result in not passing the course. Be on time to the final exam. If you arrive late to the final exam and a student has already turned in their exam, you may not be allowed to take the final exam. The final exam must be taken at the scheduled time, **Thursday, May 19, 11 AM - 12:50 PM.**

**Grades:**

Homework	10%	A	100%-90%
Quizzes	15%	B	89%-80%
Exams	50%	C	79%-70%
Final Exam	25%	D	69%-60%
		F	59%-0%

**Classroom Conduct:** Students are expected to attend every class. Students are expected to be on time and not to leave early. If you are late please be respectful to the instructor and your peers by entering quietly and taking a seat near the door. Students with more than four absences may be dropped from the course. Two late/early days is equivalent to one absence. Missing the SI session is equivalent to half an absence. Not completing at least 50 minutes per week in the Math Lab is equivalent to half an absence. If you have four absences you must contact the instructor. If you are absent it is your responsibility to obtain notes and announcements from one of your classmates prior to coming to the next class meeting.

Students are expected to be courteous to the instructor and their peers. It is also expected that the students are attentive in class. *The use of cellular phones, music players, electronic games, etc. is prohibited during class. Please deactivate these devices before entering the classroom.*

**Instructor Late Arrival:** If, due to unforeseen emergencies, the instructor does not arrive at the scheduled start time for class, students are to remain in class for **15 minutes** (unless otherwise notified by the division). If the students do not receive notification to wait for their instructor to arrive, after fifteen minutes the students may leave with no penalty. If the class receives instructions from a division staff member, please follow those instructions.

**Academic Honesty Policy:** Academic dishonesty or cheating is defined as an intentional act of fraud, in which a student seeks to claim credit for the work or efforts of another without authorization, or uses unauthorized material or fabricated information in any academic exercise. It also includes assisting other students in acts of dishonesty or coercing students into acts of dishonesty.

Any student caught cheating or caught in the act of assisting another student to cheat will be dealt with in accordance with the academic honesty policy of the college. The use of electronic devices other than approved scientific calculators (i.e. cellular phones, pagers, Palm Pilots, electronic dictionaries/translators, etc.) is prohibited during quizzes and exams. You may not share materials during an exam (this includes calculators).

**ADA Statement:** Fullerton College is committed to providing educational accommodations for students with disabilities upon the timely request by the student to the instructor. Verification of the disability must also be provided. The Disability Support Services office functions as a resource for students and faculty in the determination and provision of educational accommodations.

To make arrangements for academic accommodations contact the DSS behind the library and next to the mailroom in room 842, or phone (714) 992-7099, or fax (714) 992-9920, or visit <http://dsp.fullcoll.edu>.

**Children on Campus:** Children are not allowed on campus unless supervised by a parent or guardian. Children may not attend classes or computer labs (unless the course is specifically designed to include children.) Children must be supervised so educational activities are not interrupted and may not be left unattended in common areas such as the library, a student center, food services area, quad or college parking lots.

**Emergency Response Message:** Please take note of the safety features in and close to your classroom, as well as study the posted evacuation route. The most direct route of egress may not be the safest because of the existence of roofing tiles or other potentially hazardous conditions. Similarly, running out of the building can also be dangerous during severe earthquakes. During strong quakes the recommended response is to duck - - cover - - and hold until the shaking stops. Follow the guidance of your instructor. Your cooperation during emergencies can minimize the possibility of injury to yourself and others.

**Withdrawal Policy:** While an instructor officially may withdraw a student who has poor attendance, it is the **student's responsibility to withdraw** if the student does not continue in attendance.

- **Sunday, Jan. 30:** last day to drop classes and qualify for refunds
- **Sunday, Feb. 6:** last day to add classes
- **Sunday, Feb. 6:** last day to drop classes without a "W"
- **Sunday, May 1:** last day to drop classes with a "W"

**Catalog and Class Schedule:** The *Fullerton College Catalog* and the *Class Schedule* contain a number of policies relating to students that are important to be aware of. Please be sure that you have read these publications thoroughly. You may purchase copies of these publications at the campus bookstore, or you may read them online at the Fullerton College website, <http://www.fullcoll.edu>.

**Holidays:**

- Martin Luther King Day Holiday **Monday, Jan. 17**
- Lincoln's Birthday Holiday **Friday, Feb. 18**
- President's Day Holiday **Monday, Feb. 21**
- Spring Break Holiday **April 18-24**

## GETTING STARTED WITH MyMathLab

**MyMathLab (MML) is an interactive web site where you can:**

- Self-test to improve your math skills and create your personal study plan.
- Complete practice exercises to help with specific textbook selections.
- View a videos for further understanding.
- Work with interactive problems in the Multimedia textbook.
- Use customized material prepared by your instructor.

**To get started you will need:**

- A valid email address that you check regularly.
- The course ID: **larios83124**
- Student access code: You can purchase it online, in the bookstore as a stand alone kit, or it may be bundled with the textbook.

### **1. Purchasing MML Access Code Online Through the CourseCompass Web Site:**

- (a) Go to <http://www.coursecompass.com>
- (b) Click on the "Register" button below the "Students" heading at the right hand side of the page.
- (c) On the Before You Start page, click Next.
- (d) Enter your Course ID# larios83124 and click Find Course.
- (e) Review the course information and select Buy Now.
- (f) If more than one purchase option appears, click the Buy button next to the course materials you want to buy. You might see options with or without an online ebook, for example. Note: If you're not sure which materials to select, contact your instructor before you proceed.
- (g) Review the license agreement and click I Accept.
- (h) On the Access Information page, indicate whether you already have a Pearson account.
  - If not, select No and follow the instructions to create your login name and password
  - If you have an account, select Yes and enter your login information.
  - If you aren't sure, select Not sure. Enter your email address and click Search.
    - If you have an account, your login information will be sent to your email address within a few moments. Change your selection to Yes, and enter your login name and password as directed.
    - If you do not have an account, change your selection to No and follow the instructions to create your login information.Note: A login name can be up to 64 characters long. A password can be up to 32 characters long and must include at least one number and one letter.

Click Next.

- (i) On the Account Information page, if you are creating a new Pearson account, enter the appropriate information in the fields provided:
  - i. Personal Information: Enter first name, last name, and an email address that you check regularly.
  - ii. School Location: Select your school's country from the drop-down list. If your school is in the U.S., enter the zip code or postal code. From the resulting drop-down list, select your school's name. If your school is not listed, select Other, and then enter your school name, city, and state.
  - iii. Security Question: Select a security question from the drop-down list and then enter the answer to ensure the privacy of your account.

If you already have an account, verify that the information in the prefilled fields is correct. Click Next.

- (j) Enter your payment information and the billing address for your credit card or PayPal account. Click Continue.
- (k) Review your order summary and when you are ready to order, click Place Order.
- (l) If you have any questions contact tech support at: <http://247pearsoned.custhelp.com/>

## 2. **Enroll in another course if you are currently enrolled in a course**

If you are already taking a Pearson course in CourseCompass, you already have an account. You can enroll in another course quickly by providing a new access code or by buying access online for some courses.

- (a) Log in to CourseCompass.
- (b) On the My CourseCompass page, click Enroll in Another Course in the Courses area.
- (c) Enter the course ID# larios83124 and click Find Course. The course ID identifies your instructor's CourseCompass course materials. It is not related to the course number assigned by your school.
- (d) Follow the instructions to either:
  - Use a student access code
  - Purchase access online

### **To use a student access code:**

- (a) Make sure the course name is correct and click Access Code.
- (b) Enter your student access code and click Next.
- (c) Accept the license agreement.
- (d) Enter your account password and click Next.
- (e) Confirm or update your name, email address, and school information.
- (f) Confirm or update your account security question and answer. Click Next.
- (g) Print the Confirmation & Summary page to keep a record of your registration and enrollment information, your login name, and the email address used for your account.
- (h) Click Log In Now to access your new course.
- (i) If you have any questions contact tech support at: <http://247pearsoned.custhelp.com/>

### 3. **Not currently enrolled in a course**

If you are not currently an active CourseCompass student, you need to enroll by a different method. You can check whether you are still enrolled in CourseCompass by trying to log in. If you cannot log in to CourseCompass, you are no longer enrolled.

You can enroll in either of the following ways:

- Enroll using Register on the CourseCompass home page
  - (a) Go to the CourseCompass home page and click the Register button under Students.
  - (b) Follow the on-screen instructions.
- Enroll using your Pearson Account Summary
  - (a) Go to your Pearson Account Summary and log in.
  - (b) The Account Summary page lists your CourseCompass course(s), any other Pearson Education online courses you have taken, and your contact information. If your course has ended or you are inactive in a course, the course appears in gray. Under the list of your CourseCompass courses, click Enroll in a Course.
  - (c) Proceed to step (c) in "If you are currently enrolled".

### 4. **If you are enrolling in another course with the same textbook**

You do not need a new access code or payment method to enroll in a course based on the same textbook as your current course if:

- You are switching to a different section of the same course.
- You are retaking the same course.
- You are enrolling in the next semester of a multisemester course.

In these cases:

- (a) Go to your Pearson Account Summary and log in.
- (b) Click Enroll in a Course.
- (c) Enter the course ID# larios83124
- (d) Confirm the course information, and then click Next.  
Note: If you are prompted to provide an access code or buy access online, the course materials do not match those for your previous course. See your instructor.
- (e) Click Enter Course Now to start using the new course.
- (f) If you have any questions contact tech support at: <http://247pearsoned.custhelp.com/>



**5. Once you are registered:**

- (a) Login at <http://coursecompass.com/> (bookmark this URL) using the login and password you created.
- (b) From the "Welcome" page, click on your course, then choose the "Installation Wizard" link to check that your computer has the required set-up and plug-ins. Use the MyMathLab Installation Wizard to install the plug-ins and players you need to view and interact with the multimedia content in your course. You need to run the Wizard before completing homework, tests, or practice exercises in MyMathLab.
- (c) For help on entering answers, go to the audio tour:  
[http://media.pearsoncmg.com/cmg/pmmg/player\\_tour/enteranswers.html](http://media.pearsoncmg.com/cmg/pmmg/player_tour/enteranswers.html)  
and click on "Start watching the tour" link.
- (d) If you have any questions contact tech support at: <http://247pearsoned.custhelp.com/>