

PREALGEBRA**MATH 32 Spring 2012****SECTION 11318****FULL SEMESTER -- Jan 14 to May 16****INSTRUCTOR INFORMATION****NAME:** Larry Dumais**PHONE:** (916) 484-8854**OFFICE:** 20 CSIT area**WEBSITE:** [http:// www.larrydu.com](http://www.larrydu.com)**E-MAIL** dumaisl@arc.losrios.edu**OFFICE HOURS:**

Tuesday	9:00am – 11:00am 3:30pm – 5:30pm
Monday and Wednesday	9:00am – 10:00am
Thursday	9:00am – 10:00am
Other Times by Appointment	

OFFICE HOUR NOTE:

My Office hours are times you can drop in and get help from me about the material in the class. You do not need to give me prior notice that you will be there (but feel free to let me know if you plan to stop by so I can keep an eye out for you).

If you can't make the Office hour times, please contact me via email, on the phone, or in person and let me know when you would like to meet. Please contact me about 24 hours in advance so I can make arrangements to meet.

COURSE INFORMATION

TIME: Tuesday and Thursday 7:30am – 8:50 am

ROOM: 167

TEXT:

PREALGEBRA 4th edition by Lial, et al

ISBN 9780321567925

PREREQUISITE:

Math 25 with a grade of C or better

COURSE DESCRIPTION:

This course will briefly review the fundamentals of arithmetic, including whole numbers, fractions, and decimals. Course content will include order of operations, signed numbers, concepts of variables, exponents, ratios and proportions, area/perimeter/volume of geometric figures, and solving equations.

LEARNING OUTCOMES AND OBJECTIVES:

Upon completion of this course, the student will be able to:

- evaluate expressions that contain addition, subtraction, multiplication, and division of whole numbers, fractions,
- decimals, signed numbers, and variables.
- simplify expressions that contain variables.
- evaluate expressions using order of operation laws.
- solve equations.
- simplify and evaluate exponential and square root expressions.
- demonstrate problem-solving techniques of applications using ratio and proportions.
- solve elementary word problems using algebraic techniques.
- calculate area, perimeter, and volume of geometric figures.

COURSE CALENDAR

Date	Reading	Test/Quiz/Review	Homework Due / Notes
Tuesday Jan 17	Chapter 1 sects 1-4	Quiz #1	
Thursday Jan 19	Chapter 1 sects 5-7	Quiz #2	
Tuesday Jan 24	Chapter 2 sects 1-3	Quiz #3	
Thursday Jan 26	Chapter 2 sects 4-5	Quiz #4	
Tuesday Jan 31	Chapter 3 sects 1-4	Quiz #5	
Thursday Feb 2	Review	Review for Test 1	
Tuesday Feb 7	Test	* Test #1 Chapters 1-3	* Homework 1,2,3 Due
Thursday Feb 9	Chapter 4 sects 1-3	Quiz #6	
Tuesday Feb 14	Chapter 4 sects 4-6	Quiz #7	
Thursday Feb 16	Chapter 4 sects 7-8	Quiz #8	
Tuesday Feb 21	Chapter 5 sects 1-3	Quiz #9	
Thursday Feb 23	Chapter 5 sects 4-6	Quiz #10	
Tuesday Feb 28	Chapter 5 sects 7-8	Quiz #11	
Thursday Mar 1	Chapter 5 sects 9-10	Quiz #12	
Tuesday Mar 6	Review	Review for Test 2	
Thursday Mar 8	Test	* Test #2 Chapters 4,5	* Homework 4,5 Due
Tuesday Mar 13	Chapter 6 sects 1-3	Quiz #13	
Thursday Mar 15	Chapter 6 sects 4-6	Quiz #14	
Tuesday Mar 20	Chapter 7 sects 1-3	Quiz #15	
Thursday Mar 22	Chapter 7 sects 4,5	Quiz #16	
Tuesday Mar 27	Review	Review for Test 3	
Thursday Mar 29	Test	* Test #3 Chapters 6,7	* Homework 6,7 Due
Tuesday Apr 10	Chapter 8 sects 1-3	Quiz #17	
Thursday Apr 12	Chapter 8 sects 4,5	Quiz #18	
Tuesday Apr 17	Chapter 9 sects 1-5	Quiz #19	
Thursday Apr 19	Review	Review For Test 4	
Tuesday Apr 24	Test	* Test #4 Chapters 8,9	* Homework 8,9 Due
Thursday Apr 26	Chapter 10 sects 1-3	Quiz #20	
Tuesday May 1	Chapter 10 sect 4	Quiz #21	
Thursday May 3	Chapter 10 sect 5	Quiz #23	
Tuesday May 8	Review	Review For Final	* Homework 10 due
Thursday May 10	Final	* Final Test Chapters 1-10	* Final May 10 th 8:00am

GRADING INFORMATION

Homework- completed online	10 chapters- 10 points each	100 –
Quizzes- daily in class	23 daily- 5 point each	115-
Test 1	Chapters- 1,2 and 3	50-
Test 2	Chapters- 4 and 5	50-
Test 3	Chapters- 6 and 7	50-
Test 4	Chapters- 8 and 9	50-
Final	Chapters- 1,2,3,4,5,6,7,8,9,10	100-
Total Points possible		515

90%-100%	A 450+ points
80%-89%	B 400+ points
70%-79%	C 350+ points
60%-69%	D 300+ points
0%-59%	F 299- points

Chapter Homework	10 possible points per chapter	80% or more done correctly
7 pts for 70%; 6 pts for 60%	5 pts for 50%; 4 pts for 40%; etc	10pts for 80% or more
Points for homework	10 chapters	100 points total possible

HOMEWORK: Homework is assigned the due dates are clearly posted and it is your responsibility to complete homework on time or receive no credit. A bulk of homework questions must be asked in office hours if possible.

ATTENDANCE: Attendance will be taken via a quiz at the end of class. I encourage your consistent attendance and participation during class as it is a large part of the learning process. You will earn 1 point for each quiz. Missing class even with an excuse that is approved will cost you 5 points.

FINAL EXAM: The final exam for this class will be comprehensive (it will cover everything in this class). Note the final exam time is slightly different from the regular class meeting.

“Mathematics is not a spectator sport” - Evelyn Silvia

Being passive in a mathematics class is just as detrimental to your learning as being overly talkative. Try to find a balance between being an active participant in class and being aware of other students' needs to have a quiet classroom. Since not all learning takes place in the classroom understand that you are expected to be an active participant outside of the classroom as well (whether it be on your own, with a tutor, or in my office).

CLASS POLICIES

CALCULATORS: I encourage the use of calculators to check your work on the homework and in class, and calculators will be allowed on the exams. However, DO NOT become dependent on your calculator for simple calculations, you have the calculator just in case you need it. I try to write my exams so that a calculator is not necessary.

DROP POLICY: I have the right to drop any student that misses more than four classes (or equivalent) without a doctor's note (see the college attendance policy below). This does not mean I will drop you, but any student that does not attend regularly or communicate to me about their absences will be dropped.

ARC 2009-2010 Catalog (page 22):

College students are expected to attend all sessions of their courses. Excessive absence may result in the student being dropped from class by the instructor. A student may be dropped from any class when that student's absences exceed six percent (6%) of the total hours of class time.

If a student is absent because of illness verified by the Health Center or personal physician, the absence may be excused and the student allowed to make up work missed.

ETHICAL CONDUCT: Please do not cheat. This means do not copy homework (especially from a solutions manual), do not directly copy another student's take-home quiz, look at other students' exams, and use materials on exams that are not allowed. Any student caught cheating on an exam will receive a 0 on that exam and face disciplinary action by the college. I will report any cheating to the appropriate authorities on campus. It is best that you do not give me even the slightest hint that you are cheating, either by sitting too close to someone, having a desk turned in a different direction, by using scratch paper that I do not provide, or by looking around the room while taking a test.

NOTE ON CHEATING: If you feel that you are reaching a level of desperation where you would consider cheating as an option, please seek help before you resort to cheating. It is my job as the instructor to provide you with clear expectations, instruction, and support so that you do not get to the point where cheating is a viable option. I am not here to catch cheaters, I am here to prevent you from feeling that cheating is an option.

CLASSROOM CONDUCT AND ETIQUETTE: During classroom discussions please be polite, respectful, and attentive. You are not the only student in the room and while each person's question is important please understand that the class must move along and I may ask to have some questions put off until office hours or after class.

Please put all cell phones and any other electronic devices on silent mode (this means vibrate should also be off, a vibrating phone is just as distracting during a quiet exam as a loud phone). I understand cell phones go off from time to time, if they do please quickly turn them off or quietly leave the room to use them.

MATERIALS NEEDED: Transportation to school every day, class starts promptly at 7:00am. Access to a textbook some are on reserve in the library if you are waiting for financial aid. Access to a computer and the Internet (also in the library if you do not have one), this will be needed to complete homework assignments. A course compass online account to complete your homework. Blank paper, a pen or a pencil, will be needed for taking notes and turning in your quizzes.

CLASS SIZE: The absolute maximum number of students in this class will be determined by the number of seats available the first day. *Students that do not attend the first day of class will be dropped.*

GROUPS: The class will be broken up into six groups for the purpose of taking quizzes.

TESTS: The tests will be taken in person on paper and there will be no make ups except those that are arranged before the test is given.

LATE WORK: Late work will not be accepted except by arrangement with instructor prior to due date

DSPS Note: If you are using testing services please let me know as soon as possible.

MY POLICIES & YOUR RESPONSIBILITIES!

I know that the majority of you know and understand these policies and responsibilities, however due to past experience with students who try to take advantage of any loopholes I might have left open, I have tried to spell out my policies as clearly and concisely as possible in this memo.

TEXTBOOKS: The textbook listed in the syllabus is the one that I will be using for my lectures and the homework assignments. If you have another book that you like and can get access to the questions and assignments that I am using that is fine with me *however* it is your responsibility to cross reference answers that I supply. *I am not required to supply you a textbook, any required paid Internet course access, paper, pencils, pens or a calculator.* It is your responsibility to provide yourself with these items.

COMPUTERS: It is your responsibility to provide or borrow access to a computer with accommodations for Linux, Apple or other non-Windows set-ups. It is not my responsibility to supply you with these things.

INTERNET ACCESS: It is your responsibility to get access to the internet. You can use the school library, the school computer lab or a friend. I am not required to provide you with a working Internet connection.

ATTENDANCE: It is *your responsibility* to manage your enrollment status! I am not required to drop you for 3 unexcused absences or a week with no contact. I **will** drop students who have missed the first class session, or who have 3 unexcused sessions and/or who have not turned in any work or kept in touch with me for longer than a week. **However**, do not *count* on me to drop you on time. I will give you an “F” at the end of the semester if you are still enrolled in my class and as stated above it is your responsibility to manage your enrollment status. If you do not wish to be dropped, stay in contact with me at least once a week, or I may drop you and/or give you an “F” on overdue assignments. It is also your responsibility to let me know every week what your intentions are for completing the coursework when you have difficulties in your life.

GRADING: I am not required to accept your late work and it will **NOT** be accepted except by arrangement with me *prior* to the due date. If you do not get the textbook on time, get your financing on time, get your computer repaired, your car going, have trouble making arrangements for work and/or child care, or whatever issues you can think of, it is not my responsibility – it is yours.

CHEATING: You are not allowed to use anyone else's answers and/or work. This is cheating. If you turn in someone else's work to me for a grade you will receive an "F" for the assignment and/or an "F" for the course.

IN SUMMARY

Textbooks and other required supplies Your responsibility, not mine

Computer and Internet Access Your responsibility, not mine

Attendance and enrollment status Your responsibility to keep in touch with me, I do not have to keep in touch with you

Grading and Assignments -Your responsibility, not mine

AMENDMENT CLAUSE: This syllabus is subject to change and amendment, any such changes will be announced in class.