Math 129B PRE-COLLEGE MATH II Summer 2014

Instructor: Carole Akl
Section: 0550 - MTWTh 10:30 AM-1:40 PM – CMS 122
Office Hours: TTh 9:30-10:25 AM, MW after class-2:30 PM
Office Location: CMS 124, Office #139
Telephone: (818) 364-7873
E-mail: aklce@lamission.edu
Website: http://mymathlab.com or http://pearsonmylabandmastering.com
Course ID: AKL99133

Prerequisites:
Passing grade in Math 129A or Math 115 or Math 123A or appropriate skill level demonstrated through the math assessment process. If you qualify for Math 125 then you may take Math 129B.

Textbook:
Developmental Mathematics with Applications and Visualisations: Prealgebra, Beginning Algebra, and Intermediate Algebra, by Rockswold and Krieger, first edition. **ISBN 1269062972.** The textbook is **highly recommended**. When purchased at the bookstore, the book comes bundled with the code needed to access the online assignments. If you choose not to buy the physical textbook, you may purchase the code online through mymathlab.com. This option will give you access to the e-book. If you took Math 129A last semester, then you don't need to pay for the book or code again.

Calculators:
Scientific calculators are required. No graphing calculator, cell phone, nor hand held computer are allowed on a quiz or test.

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. Please see their website for their office hours: http://lamission.edu/mathcenter/

Description:
This course will prepare you for the next college-level math class such as Statistics, College Algebra, Calculus for Business and Social Science. Topics include: rational expressions, radicals, nonlinear and absolute value inequalities, functions and their graphs, introduction to the conic sections, solving systems of equations, second-degree systems, and an introduction to exponential and logarithmic functions.

Student Learning Outcomes:
By the end of the course, the 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.

Course Organization:
The lecture and the lab will follow the attached course schedule as closely as possible. Math 129B is a traditional lecture based course combined with computer aided instruction. Students are required to maintain

two notebooks: a homework notebook where you will show all work you do at home (including homework, review quizzes, and review homeworks); a lab notebook where you will work on lab assignments and take notes in. I may collect these notebooks and award points to your exam or deduct points depending on your work. In order to pass Math 129B, students **must attend** both the class lecture and the lab every class meeting. During the lab, students work on MyMathLab independently. The instructor is available to handle individual questions, offer mini-lectures, and establish some collaborative learning environment.

Homework, Quizzes and Labs:

- Students enrolled in this section are required to register with MyMathLab online program and enroll in my section **course ID** AKL99133 to complete the required online homework, review quizzes, review homeworks and labs. The access code for MyMathLab will be packaged with the new textbook sold in the bookstore. Textbooks purchased online or at other bookstores may not include the access code for MyMathLab (MML). In that case students may purchase the access code for MyMathLab separately online at http://www.mymathlab.com.
- All assignments will be given through MyMathLab. Student should work on their homework as each section is completed in class. Students must complete all online assignments by the stated due date shown online. Since MyMathLab does not grade each step of students' work, it is important that students write down their solving steps clearly on paper in order to identify the mistakes made. All MyMathLab scores will be automatically transferred to the instructor after students hit the save/submit button. **No extensions will be granted,** however you can work on homework assignments past the due date for a 25% penalty per day on any missed problems.

Final:

You are required to take the final exam to pass the class. The final is cumulative and will be on the last class meeting Thursday, August 7th from 10:30 AM – 12:30 PM.

Exams:

Exams are in free response form and students have to show all work on exams to earn full credit. There are no multiple choice or True/False questions. Students are not allowed to use notes during exams. However, I will be rewarding you with bonus points when you bring in your review sheet on exam days. 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".

Grading:

Final grades will be based on:

- Exams – 50%
- 1 comprehensive final exam – 26%
- Online Quizzes – 8%
- Homework, Practice Tests and lab – 16%

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

A: 90% to 100% B: 80% to 89% C: 70% to 79% D: 60% to 69% F: below 60%

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

THERE WILL BE NO MAKE-UP EXAMS UNDER ANY CIRCUMSTANCES!

Attendance:
Regular and punctual attendance is mandatory for all class meetings. I will drop you after 2 unexcused absences but it is your responsibility as a student to drop the class if you decide to stop attending; failure to do so may result in a grade of F. 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.

Withdrawals:
If you stop attending the class (or wish to drop a class) on or before July 25, you must drop the class yourself – officially – in person through the Admissions Office or through the internet. 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 summer 2014 the deadline to avoid a "W" is **Monday, June 23rd**.

Cell Phones:
Please turn off your phones before coming to class. Class time is for learning mathematics, 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 as described in the Schedule of Classes. Any infringement upon the rights of the other students in the class, such as talking or disruptive behavior will not be tolerated.

Miscellaneous:
Math 129B is a very demanding course, and as such, expect to put in a lot of time to see the fruits of your labor. You will need to devote about 25 hours of studying per week for this course. If you have prior engagements 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 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 Summer 2014:

Last day to add classes:	Monday, June 23
Last day to drop without a "W":	Monday, June 23
Last day to petition for credit/no credit:	Monday, June 23
Last day to drop with a "W":	Friday, July 25
Final Exam:	Thursday, August 7

COLLEGE RESOURCES FOR LAMC STUDENTS

Admissions and Records: Students can register for classes, request transcripts, file petitions for graduation, and drop classes at this office. For more information call 818-833-3322 or visit: http://www.lamission.edu/admissions/

Assessment Center: Offers student assessments in English, English-as-a-Second-Language (ESL) and Mathematics. Please contact the Assessment Center at (818) 364-7613 for more information or visit http://www.lamission.edu/assessment/

Bookstore: For hours of operation, book availability, buybacks, and other information call 818-364-7767 or 7768 or visit http://eagleslanding.lamission.edu/default.asp

Counseling Department: For appointments and information call 818-364-7655 or visit http://www.lamission.edu/counseling/

Disabled Students Programs and Services (DSP&S): For appointments, eligibility and information call 818-364-7732 or visit http://www.lamission.edu/dsps/

Extended Opportunity Programs and Services (EOP&S): For appointments, eligibility 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 hours, resources, workshops, and other services contact 818-364-7106 or visit http://www.lamission.edu/library/

STEM Office: For information on free tutoring, resources and academic counseling for STEM (Science, Technology, Engineering, and Technology) students visit: http://www.lamission.edu/stem

STEM Center: Free Math tutoring, computer and internet access. Call (818) 364-7811 or visit http://www.lamission.edu/mathcenter/

Tutoring Services in Learning Center: Laboratories for Learning, Writing, Basic Math & Science. Walk-in and appointment services offered. Call 818-364-7754 or visit www.lamission.edu/learningcenter/

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 STEM 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 129B Summer 2014 Tentative Timeline

Week	Date	Monday	Tuesday	Wednesday	Thursday
1	Jun 16- Jun 19	Intro + 11.1-11.2	11.3-11.4	14.1-14.2	14.3-14.4
2	Jun 23- Jun 26	14.5-14.6	14.7 + **Review Ch 11 & 14**	**Ch 11 & 14 Test** + 15.1	15.2-15.3
3	Jun 30-Jul 03	15.4-15.5	16.1-16.2	16.3 + **Review Ch 15 & 16**	**Ch 15 & 16 Test** + 17.1
4	Jul 07-Jul 10	17.2-17.3	17.4	17.5-17.6	17.7 + **Review Ch 17**
5	Jul 14-Jul 17	**Ch 17 Test** + 18.1	18.2-18.3	18.4-18.5	18.6
6	Jul 21-Jul 24	20.1-20.2	20.3	**Review Ch 18 & 20**	**Ch 18 & 20 Test**
7	Jul 28-Jul 31	19.1	19.2-19.3	19.4	19.5
8	Aug 04-Aug 07	**Review Ch 19**	**Ch 19 Test**	**Final Review**	**Final Exam**