AED 49.01 Preparatory Mathematics Syllabus

Instructor: Ford, Diane
Course: AED 49.01: Preparatory Math (21526 LEC / 21527 LAB)
Meetings: MTuWTh 9:00 am - 10:20 am (LEC) 10:30am -11:00am (LAB)
Room: MP105
Term: 2015 Summer | 6 Week A | May 26, 2015 - Jul 2, 2015

Instructor Office: PST-217
Office Hours: Wednesdays 12-12:30 pm, or by appointment
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Course Description: This course is a review of arithmetic, including whole numbers, fractions, decimals, percents, ratios, rates, proportions, geometry, and measurement. More importantly, this course is intended to provide you with a solid foundation for the rest of your math courses. As such, an emphasis will be placed on mathematical reasoning, rather than on simply memorizing procedures and formulas. The lecture hour will be composed of a lesson and classwork with the instructor, and the lab hour will be composed of in-class time working on myopenmath.com.

STUDENT LEARNING OBJECTIVE: Perform calculations with whole numbers, fractions, decimals, and percents (without the use of a calculator) and understand the relationship between them.

Text: No physical textbook is required for this course. Worksheets will be handed out most days, in addition to online exercises. To help you learn outside of class, most online exercises include links to worked example videos. Additionally there will be links to an online textbook for each unit. You are encouraged to utilize these resources as needed.

WEBSITE:
Mrs. Ford's website: http://www.cerritos.edu/dford

MYOPENMATH: http://www.myopenmath.com

Course ID: 5690
Key: 4901

Your can also check your grades online using TalonNet.

ADDITIONAL REQUIREMENTS:
- Scientific Calculator (with square root function, exponent function, etc..) Recommended: TI-30X
- IMPORTANT: 100 sheet Journal for showing the work done for lab assignments (preferably graph paper).
- 3-ring binder with dividers for homework and projects, ruler.

Attendance Policy:
It is the responsibility of students to attend classes regularly and apply themselves to the college studies in which they are enrolled. When students have been absent due to illness, they should report to the instructor to explain the absence. When the hours of absence exceeds 10% of the total hours the student is considered to be excessively absent and is subject to exclusion from class. For a class that meats 72 hours during the semester, then 7.2 hours of absence is subject to being dropped. This equates to 4 days of absences. I will not give make-up quizzes ever. Make-up exams will only be given if you make arrangements prior to your absence. Some in-class activities cannot be made up. Most in-class classwork / participation assignments cannot be made up.
Calculator: You will find it helpful to have access to a basic 4-function calculator to help you check answers and assist with more complicated questions. Be aware that many exams will be no-calculator, or I will limit you to using a basic 4-function calculator. Use of cell phones and scientific or graphing calculators on exams will not be allowed.

AED 49.01 Course Grading System:
This course is designed to prepare students to enter college level math courses. Some homework and quizzes will be from the textbook and some will be online at www.myopenmath.com. You pass this course if you pass the assessment test when you re-take it at the end of the term (April 10). The re-take of the assessment test gives you the opportunity to move on to Math 40 or classes beyond (Math 60, 80 etc...) You are only eligible to re-take the assessment test if by the end of the 6-week term you have an average of 60% in the class. If you do not pass the assessment test but achieve at least a 70% grade through my grading system, your placement into Math 40 may be overwritten. The grading of this class is based on a percentage system, which is made up the following components:

1) HOMEWORK (15%): Homework consists of worksheets handed out in class as well as online exercises from the MyOpenMath website. All sections must be completed. You are expected to achieve at least 70% correct answers. You are allowed to reattempt homework problems.

2) QUIZZES (10%): There will be 10 quizzes based on the homework, generally on Wednesdays and/or Fridays, and each quiz is worth 10 points. You may drop your two lowest quizzes.

3) EXAMS (50%): Before each exam there will a review project assigned which is considered a "Take-Home Part" of the exam. This take-home part includes turning in your journal to show the work done online, as well as any worksheets given in class. There will be 4 exams, based on homework assigned in class. Your lowest test score will be dropped.

4) FINAL (25%): Final Exam will be comprehensive; 9am, June 30 in Room MP-105

4) EXTRA CREDIT: Extra credit may be earned by explaining homework problems on the board in front of the class or from extra assignments or attending study skills workshops.

AED 49.01 is a Pass/No Pass Course. In order to be proficient for the next level, you must achieve at least 70%.

Studying: Doing your homework and studying are not the same thing. You will have to review a concept or a procedure many times before it becomes familiar. You should schedule at least two hours a day for working on this class. You may need more. I encourage you to frequently go back and review older material to make sure you still remember it.

Getting Help: Before seeking help, spend time on a problem; try to create a simpler example, find a simpler example, review your class notes, etc. If after trying all those steps, go get help. Get help on homework from me during office hours, from the Math Success Center (LC-167), and your classmates.

DISABILITY: If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Disabled Student Programs and Services at (562) 860-2451 ext.2335, as early as possible in the term.