

COURSE: Math 025, Arithmetic

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TEXT: Basic Mathematics by Bittinger (Tenth Ed.)

ATTENDANCE POLICY: If you miss more than two days of this class you may be dropped by the instructor. If your test average is not over 90% and you have missed two classes, you probably will be dropped. **DON'T MISS!**

HOMEWORK POLICY: Some of your work will be completed in class, so bring your book everyday. If you are not able to finish an assignment in class, then you are to complete it at home before the next class meeting. The standard assignment will be the odd exercises in the exercise sets of the sections of the text that were covered that day in class plus all of the skill maintenance and synthesis problems from those sections. This is a college class, so you are expected to spend about two and a half hours per day outside of class working on the course material. Some of that time should be spent reviewing. Chapters 3-6 and 8-10 require constant review.

EXAMS: You will have a test at the end of each chapter. Don't miss them! **THERE WILL BE NO MAKEUPS!** If you know in advance that you will miss an exam, then it is possible to arrange to take it in advance, but no exam will be given after the class has taken it. You will also have a final exam.

QUIZZES: Quiz questions will be very similar to your homework. If you are keeping up with the homework the quizzes will be no problem. The purpose of the quizzes and the class work is to let me know how you are doing as well as to let you know how you are doing. The key to surviving a math class is to stay on top of the material. Each chapter builds on the previous material. You need to make sure you are keeping up.

GRADING: Your grade in the course will be determined the following way:

Quizzes / Class work / Homework approx. 10%

Exams: approx. 60%

Final: approx. 30%

90%-100% will get you an A; 80%-89%, a B; 70%-79%, a C; 60%-69%, a D; and below 60%, an F.

CLASSROOM BEHAVIOR: All electronic devices must be turned off before entering classroom and cannot be used in the classroom. Please do not talk in class while lecture is in progress. Respect other students who have questions. Penalties for cheating range from a zero on an exam to dismissal from the course and/or the college.

CALCULATORS: A scientific calculator will be required for chapters 6 through 9. It will be used on the homework and tests for those chapters. It will not be used on the final exam or on the tests for the other chapters, and it should not be used for the homework on the other chapters.

WARNING: If you do not score at least 80% on each of the first three tests, then you lack the basic skills that are necessary to benefit from this class. You must be able to add, subtract, and multiply single digit numbers quickly and accurately in your head. If you find yourself using your fingers regularly you should withdraw from this course and spend this semester practicing basic arithmetic. You will find help in the TLC lab, but it is only through personal practice that you will acquire the required skills.

COURSE OUTLINE: You will find course information, like course objectives, in the course outline to be found at <http://www.canyons.edu/offices/curriculum/public.asp>.

STUDENT LEARNING OUTCOMES: The student will be able to:

1. Demonstrate proficiency with the arithmetic of whole numbers, fractions, decimals, and percents by satisfactorily passing a departmental exam.

2. Apply basic arithmetic, with and without a calculator, to solve problems selected from proportion, sales tax, commission, discount, interest, average, perimeter, area, volume, and right triangle side relationships.
3. Apply signed number arithmetic to simplify selected algebraic expressions and solve very simple linear equations.

TLC LAB: You should visit your TLC lab. Tutors and instructors, me included, are waiting there, eager to help you. The computer software that accompanies your text is available there. It is free.

INTERNSHIPS: Students with internship experience earn more money and find jobs faster than classmates without internship experience. To search for paid internships or to learn how to earn college credit using your current job visit www.canyons.edu/offices/cwee.