

BASIC MATHEMATICS - - MATH N05

Santiago Canyon College – Math and Science Division

Instructor: Kathy Moore Class Hours: Tues. & Thurs. 2:00 to 4:00 pm in U80 back room
 Extension: 714-628-4923 Email: moore_kathy@sccollege.edu

SOFTWARE (Required): Math TV at <http://www.xyzhomework.com>
TEXT(recommended): Charles P. McKeague, Introductory Mathematics from xyztextbooks
 ISBN# 978-1-936368-04-4

COURSE OVERVIEW: This course reviews whole numbers, fractions, decimals, percents, basic geometry formulas and signed numbers. This course is intended to provide students with the strong foundation in basic arithmetic skills necessary for future success.

Upon completion of any course in Mathematics the student will be able to:

1. Read, define and apply arithmetic vocabulary and symbols
2. Evaluate and perform order of operations on simple arithmetic expressions
3. Recognize basic geometric figures and evaluate simple properties of these figures
4. Apply arithmetic principles to solve simple real world problems

COURSE WORK: Instruction in this course will be done mainly on the computer using the MathTV.com system. There will also be additional instruction by the instructor. The student will be given various assignments in each module. These will be found in the module packet given to each student at the start of the module. Upon completion of the assigned work, the student may take the written exam for the module.

Textbook Assignments: To succeed in this class, you **must** do the homework. Copy the assigned problems from the text and work them out. Then check the answers in the back of the text and correct any errors. If you do not understand an error get help from an instructor, aide or fellow student. It is your responsibility to be sure you understand every problem that is assigned. Upon completion, turn in your assignment and once returned, put it in your notebook.

Journals: Each student may be required to write in a journal weekly. These journals will be turned into the instructor and once returned, will be kept in your notebook.

Manipulatives: Manipulatives are anything that can serve as a math model that enables students to see mathematics more clearly. Each module has manipulative activities assigned-see module packet for the details.

Quest for Numeracy: Each module has some worksheets that will help show math's relevance and applications.

Individual/Group Activities: Each module has both individual and group activities assigned as described in the module packet.

MODULES: This course is divided into 6 modules. Successful completion of **each module** results in **.5 unit of credit** with a grade of "Cr". Successful completion of all 6 modules and the final exam results in 3 units of credit with a grade of "Cr" (.5 x 6=3).

Module 1 Whole Numbers	Test passed-----Student receives .5 unit credit with a grade of Cr	.5
Module 2 Fractions	Test passed-----Student receives .5 unit credit with a grade of Cr	.5
Module 3 Decimals	Test passed-----Student receives .5 unit credit with a grade of Cr	.5
Module 4 Proportions/Percents	Test passed-----Student receives .5 unit credit with a grade of Cr	.5
Module 5 Geometry	Test passed-----Student receives .5 unit credit with a grade of Cr	.5
Module 6 Signed Numbers	Test passed/Final Exam taken-Student receives .5 unit credit with a grade of Cr	.5
		<u>+5</u>
		3.0 units

Tests for each module will be given by the instructor. If you complete it successfully, you will receive .5 unit of "Cr". If you do not succeed the first time, with additional preparation you may retake the test as many

times as necessary until you are successful! You may not take the next module test until you are successful on the current module.

In order to complete this course in one semester it is recommended that the student use the following schedule as a guide.

<u>Unit</u>	<u>Completed by end of week:</u>	<u>I finished on:</u>	<u>Grade on test:</u>
1	4	Feb 17th	_____
2	7	Mar 10th	_____
3	9	Mar 31st	_____
4	11	Apr 14th	_____
5	13	Apr 28th	_____
6	15	May 12th	_____
Final Exam	16	May 19th	_____

NOTEBOOKS: Each student will be required to prepare and keep a notebook for this course. IT will be brought to class each day.

CALCULATORS: Students will need a scientific calculator in this course. We recommend a scientific calculator with a fraction bar such as the TI-30.

ATTENDANCE: All students are expected to be in class as scheduled. If desired, a student can work additional hours in the Math Study Hall. Absences due to illness should be reported to the instructor upon return. It is the student's responsibility to withdraw officially from a course. A student may be dropped due to excessive absences.

CHEATING: The instructor has little tolerance for cheating. Any student who cheats or attempts to cheat during a test will receive a ZERO for that test. Likewise, any student whose paper is copied from will receive a grade of ZERO. Any student who receives a zero for cheating will receive a grade of "F" in the course, if a second instance of cheating occurs or is suspected.

EXTRA RESOURCES:

INSTRUCTOR TUTORING- Instructor will be available - **Office hours**—Mon & Wed 1:00 – 1:30 & Mon & Wed 4:00 – 5:00 pm & 7:00– 8:00 pm

MATH STUDY HALL SCC-U-80 - Help available. The MaSH is a quiet place for drop in tutoring and studying, The computers there have Mathzone installed. **Math Study Hall (MaSH) Registration**

The MaSH is a service provided by SCC that gives students a chance to supplement the learning done in the classroom. There will always be a math faculty member, Instructional aides, and student workers on duty to assist you when needed. There are also computers in the room on which students can access mathematical software or do work for their on-line math class. The MaSH is located in rooms U-78, 79, and 80 (entrance in U-80). Hours of operation for Fall 2011 are Monday thru Thursday 8:00 am to 7:30 pm, and Saturday 9:00 am to 3:00 pm.

To use the MaSH, you must register for Math 083L. This is a .2 unit class that will cost under \$10 (resident) for the entire semester. You can register for the MaSH when you register for classes or just go to admissions on the ground floor of the E building. Once registered, you can enter and exit the MaSH at any time during hours of operation. When you enter, you will slide your student ID card or just type in your student ID number at the MaSH sign in computer (no SSN). When you leave, you will sign out the same way. Signing out is very important. You may lose the hours you put in if you do not sign in and sign out appropriately.

Math 083L is a credit/no credit class. To receive credit for the class, you must complete 9 hours during the semester. We track this information through the sign in computer, so it is very important to sign in/out every time you use the MaSH.

If you have any questions please contact Darlene Diaz at 714-628-4958.

MaSH Hours: MTWTh 8am to 7:30pm; Sat 9am to 3pm

TUTORING CENTER-SCC - U-80 - Individual tutoring.