

**MATH 105 CLASS SYLLABUS
FALL SEMESTER 2008**

Course: Arithmetic for College Students
Ticket Number 0419
Tuesday & Thursday @ 9:05am-10:30am

Instructor: Mr. Minh Can
Office Hours: Thursday 8:30am-9:00am
Office: Bung-1
Email: mcan@ivc.edu

Text: Basic College Mathematics, 3rd Edition
K.Ellyn Martin-Gay

Important Dates: Last day to drop without a "W": Friday, September 26
Last day to drop with a "W": Friday, November 21
Date of Final: Thursday, December 18 @ 10:00am-12:00 pm noon

Course Outline: We will cover all chapters of the textbook except chapters 7 and 9. The course will focus on the basic arithmetical operations on real numbers with special emphasis on operations with fractions. Applications include percent, proportion and interest. Several topics in basic geometry will also be addressed. The class will conclude with an introduction to solutions of linear equations in one variable.

Student Learning Outcome: -Utilize numbers and arithmetical operations efficiently and adaptively.
-Describe and analyze mathematically the spatial features of objects.

- In particular:
- 1) Calculate with whole numbers
 - 2) Calculate with fractions
 - 3) Calculate with decimals
 - 4) Interpret and solve verbal problems as related to whole numbers, fractions
 - 5) Calculate decimals and percents
 - 6) Calculate with whole numbers
 - 7) Solve problems using ratio and proportions
 - 8) Solve problems using percents
 - 9) Solve problems with geometric concepts of perimeter, area, square roots, and Pythagorean Theorem
 - 10) Calculate with signed numbers

Calculate = with and without electronic assistance

Homework and Exams: Homework from the textbook will be assigned and reviewed in class but it will not be collected or graded. Since the exams will closely resemble homework exercises, success in the course strongly depends on diligently completing all assignments in a timely fashion. I cannot stress this last point enough! Students must complete all assignments on time and come to class prepared. We will have 4 in-class exams and a comprehensive final. All exams should be considered cumulative but emphasis will be placed on that material presented in class since the last exam. No make-up exams will be given.

Exam1: on chapters 1 & 2

Exam2: on chapters 3 & 4

Exam3: on chapters 5, 6, and 8

Exam4: on chapters 10 & 11

Final: on chapters 1 to 11 except chapters 7 and 9

Homework: All odd numbered problems of each section covered in class. My advice is that you do as many problems as you please until you truly understand the material.

Class comportment: All students are expected to arrive on time. Late arrivals are disruptive to both the lecturer and the students. Once you are seated, do not leave the room until I dismiss the class. Such comings and goings are also disruptive. Students must turn off all pagers and cell phones while in class. Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one's hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated. I

will have to drop the student who disrupts the class. It is the student's responsibility to manage his or her academic workload. Should a student decide to stop attending class it is their responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not.

Calculator is not allowed during exam or quiz. If you do not understand the material you must get help. You may come to the tutoring center on campus or see me during my office hours.

Grading: Your final grade is based on several factors , these factors and their percentage contribution to your grade are as follows.

Quizzes:	10%
Exams:	60%
Final:	30%

I also reserve the right to change the syllabus to reflect the pace of the course.