

IMPERIAL VALLEY COLLEGE

DATE: 08-20-2013

TO: IVC Academic Services

FROM: Santos M Moran

SUBJECT: Course Syllabus

Prerequisites: Registered as an IVC Student

Course No. & Name: **Math 61, Basic College Mathematics**

Course Description: The Class Starts, & Continue Describing the following:
The Whole Numbers Set and their Basic Operations
The Fraction Numbers Set and their Basic Operations
The Decimal Numbers Set and Their Basic Operations
Introduction to Ratio and Proportion, as well as Percent
Several applications for Percent, & proportion

Class Days & Times: **CRN 10615 Tuesday & Thursday 01:30 to 02:55 PM.**

Course Objectives: The students will develop an understanding of fundamental Concepts, reasoning and skills in **Basic College Mathematics** Necessary for success in further Mathematic Courses

Student Learning Outcomes: Upon Satisfactory completion of this course, the student will Be able to:

- a) Demonstrate skills working with whole numbers
- b) Demonstrate skills working with Fractions
- c) Demonstrate skills working with decimals
- d) Demonstrate skills working with percents
- e) Demonstrate skills working with proportion
- f) Solve problems involving sales, tax, and discounts

Textbook: **Basic College Mathematics (4th Edition)**

Authors: K. Elayn Martin-Gay

Publisher: Prentice Hall

Credit Units: Lecture: 3 Lab: 0

Required Material(s): 1) Textbook (**Mandatory by IVC**)
2) Optional Scientific Calculator TI 30IIxS

Recommended References (optional):

- 1) Basic College Mathematics, K. Elayn Martin-Gay, (3rd Edition)
- 2) See also Library Books / Math Lab at IVC Main Campus
- 3) See also any internet web page Mathematics related.

Note:

Any Student with documented disability that may need educational Accommodations should notify the instructor on the Disabled Student Program and Services (DSP&S) and the office as soon as possible

DSPS Room 2117

Health Science Building PH (760) 355-6312

Student Responsibilities:

Attendance Policy: Under IVC policy students are expected to attend
Every session of class in which they are enrolled
(80% Attendance & 20% Absences)

Withdrawal Policy: If a student is unable to attend the course or must drop the course
For any reason, it will be the responsibility of the student to withdraw from the course
Before the withdrawal deadline **(9 of November 2013)**

Academic Integrity: Any student participating in acts of academic dishonesty, like stealing work, tests, using unauthorized "crib notes", forging an instructor's signature, plagiarism will be subject to the procedures and consequences outlined in the IVC code of conduct

Exam & Evaluation Procedures:

- 1) 4 Exams **(Mandatory)** = 60 % (600)
- 2) Final Exam **(Mandatory)** = 25% (250)
- 3) Assignment Credit = 10% (100) (Based on Assignments)
- 4) Activity Credit = 2.5% (25) & Special Projects Credit = 2.5% (25)

Grading Band:

- 90%(900)-100%(1000) = **A**
- 80%(800)-89%(890) = **B**
- 70%(700)-79%(790) = **C**
- 60%(600)-69%(690) = **D**
- Below 60% (600) = F**

Course Outlines (by Weeks):

- ❑ Chapter 1 The Whole Numbers, Week 1, 2, & 3
- ❑ Chapter 2 Multiplying and Dividing Fractions, Week 4, & 5 **(First Exam)**
- ❑ Chapter 3 Adding and Subtracting Fractions, Week 6, & 7
- ❑ Chapter 4 Decimals, Week 8, & 9 **(Second Exam)**
- ❑ Chapter 5 Ratio and Proportions, Week 10, 11, & 12
- ❑ Chapter 6 Percent. Week 13, & 14**(Third Exam)**
- ❑ Chapter 7 Measurement, Week 15
- ❑ Chapter 8 Geometry, Week 15 **(Fourth Exam)**
- ❑ **Final Exam: Week 16 (December 7 / 2013)**

The Final Points of 125 Represent an Average of 50% of Final Exam

- 1) All Students with Final Exam = or > 125 Points, this Points Will Be Added to the Global Total Points to get the Final Grade**
- 2) If Final Exam is < 125 points, the Points will be subtracted to the Global Total Points if you are between 90 to 40 Points, If you are below 40, Automatically you will have an F as a final grade.**

Assignments:

- 1) Every Chapter Review Exercise (Total of 8 Home works)
- 2) **Read at least one section in advance per session (Controlled by the Student)**

Exams:

Total of 5 Exams (Reference Chart Check-Point = Each Exam)

INSTRUCTOR INFORMATION:

Name: Santos M. Moran

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