

## IMPERIAL VALLEY COLLEGE

**DATE:** 01-21-2014

**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 20100 Tuesday & Thursday 6:30 to 9:40 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 (4<sup>th</sup> Edition)**

**Authors:** **K. Elayn Martin-Gay**

**Publisher:** **Prentice Hall**

**Credit Units:** Lecture: **3** Lab: **0**

**Required Material(s):** 1) **Textbook (Mandatory by IVC Math Division)**  
2) Scientific Calculator **TI 30IIxS**, Graphic Calculator **TI 83/84 + (Optional)**

**Recommended References (optional):**

1) **Basic College Mathematics, K. Elayn Martin-Gay, (3<sup>rd</sup> 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 **(27 of February 2014)**

**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
- Chapter 2 Multiplying and Dividing Fractions, Week 2, & 3 **(First Exam)**
- Chapter 3 Adding and Subtracting Fractions, Week 3, & 4,
- Chapter 4 Decimals, Week 4, & 5 **(Second Exam)**
- Chapter 5 Ratio and Proportions, Week 5, & 6
- Chapter 6 Percent. Week 6, 7, & 8 **(Third Exam)**
- **Final Exam: Week 8 (March 13/ 2014)**

**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 6 Home works)
- 2) **Read at least one section in advance per session (Controlled by the Student)**

**Exams:**

**Total of 4 Exams (Reference Chart Check-Point = Each Exam)**

**INSTRUCTOR INFORMATION:**

**Name:** Santos M. Moran

**Office Telephone #:** (760) 355-6155 Imperial CA (Message only)  
(928) 314-9449 Yuma AZ (Message only)

**Email address:** [moran\\_smm@yahoo.com](mailto:moran_smm@yahoo.com)

**Alternative email address:** [santos.moran@imperial.edu](mailto:santos.moran@imperial.edu)