

### Basic Course Information

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|-------------------|---|---|--|
| Semester:         | <b>SPRING 2016</b>  | Instructor Name:  | <b>Porfirio Hernandez</b>              |
| Course Title & #: | <b>Math.61-Basic Mathematics</b>                            | Email:  | <b>Porfirio.hernandez@imperial.edu</b> |
| CRN #:            | <b>20071</b>  | Webpage (optional):                                       | <b>OR pohernan@yahoo.com</b>           |
| Classroom:        | <b>2735</b>   | Office #:   | <b>N/A</b>                             |
| Class Dates:      | <b>FEB.16 through JUNE 10<br/>Drop deadline: May14,2016</b> | Office Hours:   | <b>N/A</b>                             |
| Class Days:       | <b>M &amp; W</b>  | Office Phone #:   | <b>760-234-0611</b>                    |
| Class Times:      | <b>8:00---9:25 am</b>                                       | <b>Office contact if student will be out or emergency</b> | <b>Ofelia Duarte at 760-335-6155</b>   |
| Units:            | <b>3 Units</b>  |   |  |

### Course Description

**An introduction the concepts needed for further study in Mathematics. Topics covered include operations with whole and rational numbers, decimals, percentages, ratio and proportions, and their applications. (Nontransferable, non-degree applicable.)**

### Student Learning Outcomes

**Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:**

- 1. Perform the basic operations with whole and non-signed rational numbers. (ILO2)**
- 2. Perform conversions to and from fractions, decimals, and percentages. (ILO2)**
- 3. Solve application problems involving operations with non-signed rational numbers(ILO2)**

### Course Objectives

**Upon satisfactory completion of the course, students will be able to:**

- 1. Demonstrate skills working with whole numbers.**
- 2. Demonstrate skills working with fractions.**
- 3. Demonstrate skills working with decimals.**
- 4. Demonstrate skills working with percentages.**
- 5. Solve problems involving sales tax and discounts**

## Textbooks & Other Resources or Links

### Required Textbook:

Martin-Gay, E. (2010). *Basic College Mathematics* (4th Ed.). Pearson Publishing.

ISBN-10: 0321649400. ISBN-13: 978-0321649409.

## Course Requirements and Instructional Methods

### Course Requirements:

1. All work that you do must reflect your own understandings, insights, and thoughts, not somebody else's.
2. Missed assignments and exams are recorded as zeros.
3. Late work is not accepted.
4. Bring your book to class every day.
5. It is your responsibility to drop before the "W" deadline.
6. Cell Phones must be turned off while in classroom

### Instructional Methods:

- Demonstration
- Discussion
- Group Activity
- Individual Assistance
- Lab Activity
- Lecture
- Simulation/Case Study
- Audio Visual
- Computer Assisted Instruction

Two (2) hours of independent work done out of class per each hour of lecture or class work, or 3 hours lab, practicum, or the equivalent per unit is expected.

## Course Grading Based on Course Objectives

Your course grade will be based on an accumulation of points and class participation.

### GRADING CRITERIA:

Letter grade only;

#### Grading Scale

**A=100-90**

**B=89- 80**

**C=79- 70**

**D=69- 60**

**F= 0-59**

#### Grade Distribution;

**Homework and quizzes 15%**

**tests ( 4 tests@ 15% each) 60%**

**Final Exam 25%**

## Attendance

- **A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See [General Catalog](#) for details.**
- **Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.**
- **Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.**
- **After 2 consecutive absences you will be dropped from class( it is still your responsibility to drop the class). You will find it is hard to recover if you miss a few classes.**

## Classroom Etiquette

- **Electronic Devices:Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.**
- **Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.**
- **Disruptive Students:Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.**
- **Children in the classroom:Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.**
- **Cheating will result in an automatic "F" grade in class.**

## Academic Honesty

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- **Plagiarism is taking and presenting as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.**

- **Cheating** is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the [General Catalog](#) for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

### **Additional Student Services**

- **Blackboard Support Site.** The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **Library Services.** There is more to our library than just books. You have access to tutors in the [Study Skills Center](#), study rooms for small groups, and online access to a wealth of resources.
- Also, you can get help from me before class.

### **Disabled Student Programs and Services (DSPS)**

Any student with a documented disability who may need educational accommodations should notify the instructor or the [Disabled Student Programs and Services](#) (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

### **Student Counseling and Health Services**

Students have counseling and health services available, provided by the pre-paid StudentHealth Fee.

- **Student Health Center.** A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6128 in Room 1536 for more information.
- **Mental Health Counseling Services.** Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

### **Student Rights and Responsibilities**

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

## Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials>.

## Anticipated Class Schedule/Calendar

*Below is a tentative, overview of the readings, assignments, test, or other activities for the semester. (subject to change by the instructor).*

| Date or Week              | Activity, Assignment, and/or Topic   | Section                    |
|---------------------------|--------------------------------------|----------------------------|
| Week 1<br>Feb. 15 - 17    | Syllabus & Introduction<br>Chapter 1 | 1.1 - 1.3                  |
| Week 2<br>Feb. 22 - 24    | Chapter 1 continued                  | 1.4- 1.6 quiz 1            |
| Week 3<br>Feb. 29/Mar.2   | Chapter 1 continued                  | 1.7-1.9 Test 1             |
| Week 4<br>March 7-9       | Chapter 2                            | 2.1-2.3                    |
| Week 5<br>March 14-16     | Chapter 2 continued                  | 2.3-2.5 quiz 2             |
| Week 6<br>March 21-23     | Chapter 3                            | 3.1-3.3                    |
| Week 7<br>March 28-30     | Chapter 3 continued                  | 3.4-3.5 Test 2             |
| Week 8<br>April 4-6       | Chapter 4                            | 4.1-4.2                    |
| Week 9<br>April 11-13     | Chapter 4 continued                  | 4.3-4.6 quiz 3             |
| Week 10<br>April 18-20    | Chapter 5                            | 5.1-5.3                    |
| Week 11<br>April 25-27    | Chapter 5 continued<br>Chapter 6     | 5.4, 6.1-6.2 Test 3 (ch.5) |
| Week 12<br>May 2-4        | Chapter 6 continued                  | 6.2-6.4                    |
| Week 13<br>May 9-11       | Chapter 6 continued                  | 6.5-6.6                    |
| Week 14<br>May 16-18      | Chapter 6 continued                  | Test 4 (ch.6)              |
| Week 15<br>May 23-25      | Review final practice exam.          |                            |
| Week 16<br>May 30/ June 1 | Review final practice exam           |                            |
| Week 17/June 6-           | Final Exam                           | Chapter 1-6                |

| <b>Date or Week</b> | <b>Activity, Assignment, and/or Topic</b> | <b>Section</b> |
|---------------------|---|----------------|
|                     |   |                |

**\*\*\*Tentative, subject to change without prior notice\*\*\***