

### Basic Course Information

Semester	<b>Spring 2015</b>	Instructor Name	<b>Jill Nelipovich</b>
Course Title & #	<b>Math 61</b>	Email	<b>jill.nelipovich@imperial.edu</b>
CRN #	<b>20327</b>	Webpage (optional)	<b>Information will be posted on blackboard</b>
Room	<b>2721</b>	Office	<b>Room 2768</b>
Class Dates	<b>February 17 – June 12, 2015</b>	Office Hours	<b>Monday: 4:30 – 6:30 p.m. Tuesday: 7:30 – 8:30 a.m. Wednesday: 8:00 – 8:30 a.m. Thursday: 8:00 - 8:30 a.m. *** AND BY APPOINTMENT</b>
Class Days	<b>Tues/Thurs</b>	Office Phone #	<b>760-355-6297</b>
Class Times	<b>10:15 a.m. – 11:40 a.m.</b>	Office contact if student will be out or emergency	<b>760-355-6155</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, percents, 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 percents. (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 percents.
5. Solve problems involving sales tax and discounts.

### Textbooks & Other Resources or Links

1. **Required: MathXL computer access for doing homework**  
(may purchase through bookstore or online)
2. **Optional Textbook:** Basic College Mathematics version for Imperial Valley College, 4E, Martin-Gay
3. **Calculators** – A scientific calculator is recommended; however you may not use calculators on exams.

### Tips for Success:

- This course moves rapidly and covers material equivalent to one year of high school condensed into one semester, meeting only twice a week.
- For every hour in class, spend 2 hours outside of class doing homework, projects and studying material.
- Learning material by only showing up to class does not often prove successful.
- Form study groups
- Did I mention the Math Lab, Room 2500!
- If absent, make sure to copy the notes from a friend in the class.

## Course Requirements

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. Assignments will be given regularly throughout the semester and include six exams, a final (comprehensive) exam, online homework (MathXL), homework notebook and projects.

## Course Grading Based on Course Objectives

Activity	Points
Projects (10 points per chapter) 2 projects dropped	50
Homework	60
Homework Notebook	60
Exams (6 exams – 100 points each)	600
Final Exam	130
<b>Total Points</b>	<b>900</b>

### Homework – up to 10 points per chapter

85% or more = 10 points	35% to 45% = 5 points
75% to 85% = 9 points	25% to 35% = 4 points
65% to 75% = 8 points	15% to 25% = 3 points
55% to 65% = 7 points	5% to 15% = 2 points
45% to 55% = 6 points	Less than 5% = 0 points

### Points needed to earn associated grades:

A = 810 and above	C = 630 - 719 points	F = 628 points and below
B = 720 – 809 points	D = 540 – 629 points	

## 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.

## 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.
- 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.

### Academic Honesty

- 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 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 School 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 Help

- Blackboard support center: <http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543>
- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Study Skills Center (library). Please speak to the instructor about labs unique to your specific program.
- 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.
- MATH LAB, MATH LAB, MATH LAB (Room 2500)

### 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, 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 Student Health Fee. We now also have a fulltime mental health counselor. For information see <http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

### Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities, please refer to the IVC General Catalog available online at [http://www.imperial.edu/index.php?option=com\\_docman&task=doc\\_download&gid=4516&Itemid=762](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)

### 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/>

## Math 61

### Spring 2015 Tentative Course Schedule

WEEK	DATES	ASSIGNMENTS
1	Feb 16 - 21	Introduction, 1.1 – 1.4
2	Feb 23 – Feb 27	Sections 1.5 – 1.7
3	Mar 2 – Mar 6	Sections 1.8, 1.9 Section 2.1, Review
4	Mar 9 – 13	<b>Exam 1 – Chapter 1</b> Sections 2.2, 2.3, 2.4
5	Mar 16 – 20	Sections 2.4, 2.5 Sections 3.1, 3.2/Review
6	Mar 23 – 27	<b>Exam 2 – chapter 2</b> Sections 3.2, 3.3
7	Mar 30 – Apr3	Sections 3.4, 3.5 Section 3.6
	Apr 6 – 10	Spring Break
8	Apr 13 - 17	Review <b>Exam 3 – Chapter 3</b>
9	Apr 20 - 24	Section 4.1, 4.2 Section 4.3, 4.4
10	Apr 27 – May 1	Section 4.5, 4.6 Section 5.1, Review
11	May 4 – 8	<b>Exam 4 – Chapter 4</b> Section 5.1, 5.2
12	May 11 – 15	Sections 5.3, 5.4 Sections 6.1/Review
13	May 18 – 22	<b>Exam 5 – Chapter 5</b> Sections 6.2, 6.3
14	May 25 – 29	Sections 6.4, 6.5 Section 6.6/Review
15	June 1 - 5	<b>Exam 6 – Chapter 6</b> Review for Final
16	June 8 – 12	Final Exam Tuesday, June 9