

Department of Science, Math and Engineering
Imperial Valley College
Imperial, CA 92251

MATH 61: BASIC MATHEMATICS (short term class)
Syllabus
Fall 2013

Instructor: Juan **Andres** Noguez

Contact Information:

- E-mail: juan.noguez@imperial.edu
- Office: N/A
- Office Phone: N/A
- Office Hours: N/A

Course Information:

- Lectures: Tuesdays and Thursdays 6:30pm-9:40pm
- Room: 2721
- CRN: 10619
- Credit Units: 3
- Websites: : <http://imperial.blackboard.com>, <http://www.mathxl.com>

TEXT & MATERIALS

MATH XL computer program for doing homework is required for all students!
The text book is recommended: Basic College Mathematics, Version for Imperial Valley College or 4E, Martin-Gay. A scientific calculator (not graphing) is also recommended, but not allowed to be used on exams.

CATALOG 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.

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.
2. Perform conversions to and from fractions, decimals, and percents.
3. Solve application problems involving operations with non-signed rational numbers.

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.

ACADEMIC ACCOMMODATION

Any student with a documented disability who may need academic accommodation should notify the instructor and the Disabled Student Services Programs and Services (DSP&S) office in room 2117 in the Health Science building as soon as possible. The DSP&S office phone number is (760) 355-6312.

PACE OF COURSE AND TIPS FOR SUCCESS

This course moves rapidly covering the material equivalent to one year of math at the high school level, and meeting only twice per week. For every hour spent in class, you are expected to spend 2-3 hours outside of class reading the book, doing homework, and studying the material. It is critical that you read ahead and ask questions. Avoid falling behind in the material, reading and homework. You cannot learn mathematics without doing the problems. If you fall behind it will be difficult to catch up. Stay organized, take good notes and read your notes after class. If you are having difficulty with the material, get help. You can get help from the math tutoring center. Work with others outside of class, form a study group if possible. You are responsible for all material in assigned chapters and all material covered in lecture, even if you are absent, so find someone in class to make you copies of the notes & materials if you can not be in class.

BEHAVIOR

IVC School policy states that no food or drink is allowed in the classroom. Also no children are allowed in the classroom. You will be asked to leave the class for one or two class meetings if you exhibit behavior that prohibits or impedes any member of this class from pursuing any class assignment, objective or learning opportunity within the classroom. Please be courteous of others, try to be on time, **turn off your cell phone or other electronic devices (this includes laptops, i-pads, etc), and avoid talking during lectures. DO NOT TEXT.** Texting during class is disruptive to your learning and students around you.

It is assumed that each student will do his/her own work. If a student is caught cheating on a test, that student will receive a "0" grade on that exam and the score will not be dropped. The student may also be referred to the college administration for disciplinary action. Examples of cheating include, but are not limited to, submitting someone else's work as your own and using unauthorized materials on the exams.

ATTENDANCE

IVC School policy states that students are expected to attend every session of class in which they are enrolled. It is the student's responsibility to add, drop, or withdraw from this class before the appropriate deadlines. You will be dropped by the instructor if you miss the first day of class or have more than 3 unexcused absences.

If you decide to withdraw from this class, please let me know as a courtesy. If you fail to withdraw from this course before the deadline, you will be assigned a final grade in the course (even if you stop coming). Check the course catalogue for information on drop dates. **Regular class attendance is necessary for success in this course. You are responsible for all material covered in class during your absence.**

EVALUATION

There will be three in class exams (200 points each) and one comprehensive final examination (200 points). Exams are closed book/closed notes and each student must work independently. There are no make-up exams. Plan now to be in class on the date of the exams. Any missing exam grade will be recorded as a "0". Your lowest test score will be replaced by the percentage gotten in the final exam (under the assumption that the final's grade is higher than one of the first three exam grades). This can be done only one time.

There will be homework assigned for each chapter in the book. Homework will be done on a computer using the Math XL program you purchase online or at the bookstore. You will not pass the class if you do not complete any homework! You may use your own personal computer with internet access or use a computer in the Math Lab. There are 200 points assigned for homework.

Homework will be due by the date of each exam. No late homework will be accepted.

GRADING

Exams	600 points
MathXL Homework	200 points
Final	200 points
Total	1000 points

Grading Scale

90-100 %	A
80-89%	B
70-79 %	C
60-69 %	D
0-59 %	F

Math 61 Fall 2013 Tentative Schedule			
Date	Reading	Event	Notes
08/20	1.2-1.4		
08/22	1.5-1.9		
08/27	2.1-2.5		
08/29	Catch up		
09/03	Review/ EXAM 1		
09/05	3.1-3.4		
09/10	3.5-3.6		
09/12	4.1-4.4		
09/17	4.5-4.6 / 5.1-5.2		

09/19	Catch up/ EXAM 2		
09/24	5.3-5.4		
09/26	6.1-6.5		
10/01	6.6-6.7/ Catch up		
10/03	Review/ EXAM 3		
10/08	Catch up/ Review		
10/10	FINAL		

My Classroom Rules

1. No talking during lecture time. Those interrupting the instructor will be asked to leave for the day.
2. I do not allow people to use laptops during lecture time. People who don't follow this rule will be asked to leave for the day.
3. Turn off your cell phones before class starts. People using their cell phones during lecture time will be asked to leave for the day.