

## MATHEMATICS 061 (BASIC MATHEMATICS)(3 UNITS) FALL 2013

CRN 10618 Time 620 pm-745 pm,M,W

INSTRUCTOR;MUSTAFIZUR RAHMAN,DEPARTMENT OF  
MATHEMATICS,SCIENCE&ENGINEERING

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### TEXT & MATERIALS

MATH XL Computer Program for doing homework is required for all students.THE text recommended:Basic College Mathematics,Version for Imperial Valley College or 4E,Martin GAY.A scientific Calculator(Not graphing) is also recommended, but not allowed on exams

### CATALOG COURSE DESCRIPTION

An introduction of the concepts needed for further study in Mathematics.Topics covered include operations with whole and rational numbers,decimals,percents,ratio and proportions,and other applications

### STUDENT LEARNING OUTCOMES

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

1. Perform the basic operations with whole and nonsigned rational numbers.
2. Perform converversions to and from fractions ,decimals and percents.
3. Solve application problems involving operations with nonsigned rational numbers.

### COURSE OBJECTIVES

Upon satisfactory completion ,students will be able to

1. Demonstrate skills working with the 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 ACCOMODATION

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

### PACE OF COURSE & TIPS FOR SUCCESS.

This course moves rapidly through the material of Math at the high school level. For every hour spent in class you must spend an hour outside of class reading the material. It is critical that you do not fall behind in the material. It is difficult to catch up. Stay organized and take notes after the class. If you need help, you can get help from the professor outside class and from student tutors. Review the material in assigned chapters and lecture, even if you are absent. Bring copies of the notes and the

#### BEHAVIOR

IVC school policy states that no student is allowed in the classroom. Also no children are allowed in the classroom. No student is asked to leave the class for behavior that prohibits or interferes with pursuing any class assignment within the classroom. Please turn off your cell phone during lectures. Do not

It is assumed that each student is responsible for their own work. If a student is caught cheating on an exam and the score will not be referred to college administration. The only exception is limited to submitting some materials on the exam.

#### ATTENDANCE

IVC school policy states that the student is responsible for each session of the class in which they are enrolled. It is the student's responsibility to a