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Imperial Valley College
SCIENCE, MATH, AND ENGINEERING DIVISION
MATH 071
PRE-ALGEBRA
Spring 2013
CRN: 20182 and 20183

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Class Location/Dates/Times:
   20182: Tuesday and Thursday from 10:15 am to 11:40 am in Room 2722
   20183: Tuesday and Thursday from 1:30 pm to 2:55 pm in Room 2721

Credit Hours: 3 Lec
Instructor: Mr. Allyn Leon
Office: 2760.2
Phone: (760) 355-6523
Email: allyn.leon@imperial.edu
Website: https://imperial.blackboard.com/ and http://www.mathxl.com
Office Hours:
   Monday from 1:00 pm to 3:00 pm
   Wednesday 9:40 am to 10:10 am and from 12:50 pm to 1:20 pm
   Tuesday and Thursday from 9:40 am to 10:10 am

Prerequisites: MATH 061 with a grade of "C" or higher, or appropriate placement.

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Final exam is on Tuesday, May 7, 2013
Last day to withdraw from the class with a "W" is Saturday, April 13, 2013

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REQUIRED TEXTBOOKS AND ELECTRONIC RESOURCES

Textbook: Prealgebra, 6E by Martin-Gay, Pearson Publisher. You will have three options for the textbook.
   Option 1: Purchase the textbook new (bundled with MathXL)
   Option 2: Purchase the textbook used, and get MathXL separate
   Option 3: You may choose to not buy the physical textbook, and just purchase
         MathXL access. You will have access to the textbook pages through the homework...
   Some people prefer the second option because it is potentially less expensive. However, many people do prefer having a physical copy of the book. You may choose either of the above options for this class, as long as you have some sort of access to MathXL, as this is how you will complete your homework.
   ● When you register in MathXL, you will be asked to enroll in a course. Use the following Course ID, based on the class you are in:
      ○ 10:15 am class: **XL15-115M-201Y-9UZ2** (this includes zeros, and not o's).
      ○ 1:30 pm class: **XL15-115O-301Y-1UZ2** (There's an "o" after the 115...).
   ● A basic calculator, like a TI-30 (costs around $10) is recommended.

COURSE DESCRIPTION
An introduction to the mathematical concepts needed for further study in Algebra. Topics covered will include the real number system, variable expressions, solving equations, measurement and conversions, and geometry.

COURSE OBJECTIVES

Upon satisfactory completion of the course, students will be able to:
1. Demonstrate skills in working with real numbers.
2. Demonstrate an understanding of variable expressions.
3. Demonstrate an understanding of solving equations.
4. Demonstrate an understanding of the English and Metric measurement systems in a wide variety of settings.
5. Apply relevant formulas in application problems involving a variety of geometric figures.

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 rational numbers, (2) compute the area and perimeter of standard geometric shapes, and (3) solve equations appropriate for a Pre-Algebra class.

COURSE COMPONENTS

ASSIGNMENTS AND LATE WORK POLICY
- There will be **homework exercises** assigned from every section that we cover. These need to be completed in MathXL. There will be 25 assignments in all, each worth 8 points.

QUIZZES
- There will be eleven (11) quizzes during the semester. These will take place as noted on our tentative schedule and will contain 2 to 5 questions over material that has been covered during the week.

TESTS
- There will be five (5) tests during the semester. Tests 1-4 will cover 2 chapters each. The tests will be worth 100 points each. Test 5 is the final exam, worth 200 points.
- **There will be no make-up exams**. If you miss an exam, the test will be recorded as a zero, and **the final exam percentage** will be used to replace that score at the end of the semester.

GRADING POLICY

Your grade will be comprised of the following items:

25 Homework assignments @ 8 points each	200 points	~20%
10 Quizzes @ 20 points each (11 quizzes, drop 1)	200 points	~20%
4 Tests @ 100 points each	400 points	~40%
Final Exam @ 200 points	200 points	~20%
Total	1000 points	100%

Your final grade will be based on the following points and percentages:

90% to 100%	900-1000 points	A
80% to 89%	800-899 points	B
70% to 79%	700-799 points	C
60% to 69%	600-699 points	D
Below 60%	Below 600 points	F

The **MathXL gradebook** is where you want to go to check your grades and progress. You can do this at any time to get an idea of how you are doing in the class.

TENTATIVE SCHEDULE

Week of	Description/Readings/Tests
01/14	Introduction and Sections 1.7, 2.1, **Q1**
01/21	Sections 2.2, 2.3, **Q2**
01/28	Sections 2.4, 2.5, **Q3**
02/04	Section 2.6, **Test 1**
02/11	Sections 3.1, 3.2, **Q4**
02/18	Sections 3.3, 3.4, **Q5**
02/25	Sections 4.8, 5.6, Fraction/Decimal Review, **Q6**
03/04	Sections 9.1, **Test 2**
03/11	Sections 9.2, 9.3, **Q7**
03/18	Section 9.4, **Test 3**
03/25	Sections 9.5, 9.6, **Q8**
04/01	Spring Break
04/08	Sections 6.4, 6.5, **Q9**
04/15	Section 10.1, **Test 4**
04/22	Sections 10.2, 10.3, **Q10**
04/29	Review, **Q11**
05/06	**Final Exam on Tuesday 05/07**

IVC POLICIES
- Under IVC policy, students are expected to attend every session of class in which they are enrolled. 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. I will not drop you from the course. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.
- 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 Room 2117, in the Health Sciences Building. Their phone number is (760) 355-6312.
- Student Responsibilities and Expectations: You are expected to attend class on a regular basis. Make sure you come to every class meeting. You will find it very hard to succeed in this class if you do not come to class regularly. Make sure that you read ahead in the textbook and that you work out the problems that I have assigned. Math is like playing the piano; the more you practice, the better you get.