Imperial Valley College Course Syllabus – Math 071 Winter 2017

Basic Course Information

Semester	**Winter 2017**	Instructor Name	**Dr. Alejandro Cozzani**
Course Title & #	**Math 071**	Email	**alex.cozzani@imperial.edu**
CRN #	**15043**	Webpage (optional)	**Refer to Blackboard**
Room	**2721**	Office	**2767**
Class Dates	**January 03-February 03** **Holiday: Monday January 16** **Drop date: January 26**	Office Hours	**None**
Class Days	**Tuesday-Friday (week # 1)** **Monday-Friday (week # 2-5)**	Office Phone #	**760-355-5720**
Class Times	**5:30 PM-7:40 PM**	Office contact if student will be out or emergency	**Silvia Murray 760-355-6201 or Ofelia Duarte 760-355-6155**
Units	**3.0**		

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.

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. (ILO2)
2. Compute the area and perimeter of standard geometric shapes. (ILO2)
3. Solve equations appropriate for a Pre-Algebra class. (ILO2)

Course Objectives

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.

Textbooks & Other Resources or Links

Pre-Algebra Package, IVC (6th edition, Elayn Martin-Gay), ISBN: 9781256773733.

Course Requirements and Instructional Methods

1. _Exams or Tests_: There will be 3 tests and there will be no makeup exams given. Zeros will be given for all missed tests. Please refer to calendar for dates.
2. _Final Exam_: The common final will be given during the last week of the semester. **A score of 0 will be given if the final is missed.** Please refer to calendar for dates.
3. _Homework_: The purpose of homework is to provide students with sufficient practice to master all topics and to do well on tests and the final exam. Homework is done using MathXL (all assignments are listed online as well as the deadline). It is student's responsibility to complete them on or before the deadline regardless whether he/she is absent. Please keep in mind that after the deadline you will not be able to work on that specific assignment because the program will lock it

automatically. If your <u>overall score</u> is 80% or higher you will get full credit, otherwise your grade will be your overall percentage translated to points. For example: if you score 80%=100 points, if you score 72%=72 points.

MathXL Code: XL2J-1125-301Y-7UZ2**.** Please refer to the MathXL webpage for deadline (2/01/2017).

4. There is <u>no extra credit</u>. Students must learn the material to pass this course.
5. It is up most important that students review the material to do well on exams. Students are encouraged to form study groups and to attend tutoring sessions to keep up with assignments and to study for tests.
6. Students will not be allowed to make up an exam or final exam unless they have a powerful reason to miss a test (e.g. hospitalization, jury duty, etc. and bring the corresponding paperwork as evidence). It is students 'responsibility to notify the instructor via e-mail or by phone to make arrangements.
7. <u>Notes/formulas</u>: During exams, students cannot use any notes unless otherwise directed by the instructor. No exceptions!

Course Grading Based on Course Objectives

The student's grade will depend on the following areas (not on total points):

Semester Tests:	**60%**	There will be <u>3</u> tests and there will be no makeup exams given. Zeros will be given for all missed tests.
Final Exam:	**25%**	The common final will be given during the last week of the semester. **A score of 0 will be given if the final is missed.**
Homework	**15%**	Done on MathXL.
Extra Credit:	**0%**	There is <u>no extra credit</u>. Students must learn the material to pass this course.

All grades are calculated by using the standard scale of:

A = 100-90%   **B = 89-80%**   **C = 79-70%**   D = 69-60%   F = 59% and below

Blackboard displays two grades: the weighted and the total. Your grade is the <u>weighted</u> one, so please keep it in mind.

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

- <u>Electronic Devices</u>: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- <u>Food and Drink</u>: are prohibited in all classrooms.   Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- <u>Calculators</u>: scientific calculators can be used during class time and exams AS INDICATED BY THE INSTRUCTOR. <u>NO</u> phones or tablets as a substitute for calculators during exams.
- <u>Notes/formulas</u>: During exams, students cannot use any notes unless otherwise directed by the instructor. No exceptions!

- 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.

Online Netiquette

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and (11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

Academic Honesty

- Plagiarism is to take and present, 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 correctly 'cite a source', 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, or assisting others in using materials, which 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 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) use of a commercial term paper service.

Additional Student Services

- 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 Learning Services (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 learning center, study rooms for small groups, and online access to a wealth of resources.

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

Information Literacy

Imperial Valley College is dedicated to help 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

The calendar is tentative and it may be modified according to students 'needs.

WEEK #	CORE CONTENT	ASSIGNMENTS – TESTS
1-January 3	Syllabus/Introductions ***Variable expressions*** A. Evaluating variable expressions B. Simplifying variable expressions C. Translating verbal expressions into variable expressions. ***Real Numbers*** A. Order of operations B. Integers C. Addition and subtraction of integers	Chapter 1 Chapter 2
2-January 09	D. Multiplication and division of integers E. Operations with rational numbers F. Rational and irrational numbers G. Properties of real numbers ***Test # 1: Chapters 1-2***	
3- January 16	***Solving equations*** A. Solving equation using addition and/or multiplication property of equality. B. Solving equations on one or both sides of the equation C. Translating sentences into equations and applications D. Applications ***Test # 2***	Chapter 3
4- January 23	***Measurement and Conversions*** A. Conversions of weight length and capacity in English units B. Conversions of weight length and capacity in Metric units C. Temperature D. Applications ***Geometry***	Chapter 6-9

	A. Basic Vocabulary B. Naming Polygons C. Circles D. Naming solids E. Perimeter and circumference F. Area and volume G. Plotting points on a Cartesian plane H. Applications	
5-January 30	**_Test # 3_** Review all chapters for final exam Final Exam-All Chapters	All chapters