



IMPERIAL VALLEY COLLEGE MATH 071-PRE-ALGEBRA

Course Syllabus – Summer 2013

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Office Hours: No office hours during summer school

Class Meetings: Monday through Thursday from 7:30 AM to 9:40 AM in room 2722.

Code: CRN 30118

MathXL: [XL18-N10F-001Y-3UZ2](#)

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

Prerequisite: Math 061 with a grade of "C" or higher, or appropriate placement.

Units: 3.0

Course Philosophy: 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.

Measurable Course Objectives and Minimum Standards for Grade of "C"

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.

INSTITUTIONAL LEARNING OUTCOMES (ISLOs):

1. Communication Skills
2. Critical Thinking Skills
3. Personal Responsibility
4. Information Literacy
5. Global Awareness

STUDENT LEARNING OUTCOMES (SLOs)

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)

Grading Criteria

Course must be taken on a "letter-grade" (LG) basis only.

Grading Policy

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 will be <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%

D = 69-60%

B = 89-80%

F = 59% and below

C = 79-70%

Class Rules and Expectations

1. Failure is not a good choice, so apply yourself, study, do not give up on the first try, attend class regularly, ask for help when needed, and always do your best!
2. The student is expected to attend class meetings regularly. After the SECOND absence, if the student does not drop the class via Webstar, he/she will receive an "F" as final grade; so it is the student's responsibility to drop before the deadline.
3. What constitutes an absence? Not showing up to class during a regular class meeting, or arriving more than 20 minutes after the beginning of the class, or leaving more than 20 before the end of the class.
 - a. Example: Class starts at 10:00 AM and ends at 12:00 PM. If you arrive after 10:20 AM you are absent. If you leave before 11:40 AM you are marked absent. If you leave the room for more than 20 minutes for whatever reason, you are absent.
4. What constitutes a tardy? Arriving within the first 20 minutes after the beginning of the class or leaving within the last 20 minutes before the end of the class (3T = 1A).
 - a. Example: Class starts at 10:00 AM and ends at 12:00 PM. If you arrive between 10:01 AM and 10:20 AM you are marked tardy. If you leave between 11:41 AM and 12:00 PM you are marked tardy as well as if you "disappear" from the room for no more than 20 minutes (i.e. having lunch). If you need to use the restroom, you are expected to return within a reasonable time period.
5. If a student reaches the third absence after the deadline, his/her grade will be reduced one letter grade for each subsequent absence.

- a. Example: your current grade is an "A." On the 3rd absence you will get a final grade of "B." On the 4th one, your grade is "C," and on the 5th one, a "D." Beyond that, your final grade is "F." Exceptions include-for example- hospitalization for several days and with appropriate documentation.
6. Deadline to drop the class with a "W" is July 23, 2013. Late drops on graded classes will require that the student receive an F.
7. Class materials such as a notebook or binder with lined paper, pen, pencil, scientific calculator (no graphing calculator), and the textbook will be brought to every class meeting.
8. It is up most important that students review the material to do well on exams.
9. Students are encouraged to form study groups to meet regularly to keep up with assignments and to study for tests and the final exam.
10. Late homework assignments are not be accepted because MathXL automatically will block past due assignments, so it is student's responsibility to complete them by the deadlines.
11. Students will not be allowed to make up a test or exam or final exam, so plan on being present those days.
12. No photocopied textbooks are allowed. No audible pagers or cell phones allowed. You will be dropped on your second offense for disturbing the class in this manner.
13. No food or drinks are allowed in the classroom other than bottled water (no substitutes!).
14. No children are allowed in the classroom.
15. Absences attributed to the representation of the college at officially approved conferences and contests and attendance upon field trips will not be counted as absences (this includes sports). However, the student is responsible for notifying the instructor and for the work done in class. If your absence coincides with an exam, it is student's responsibility to contact the instructor via e-mail or by phone before the following class meeting to make it up. Failure to do so will result in a "zero" for that particular exam.
16. Discipline: you need to understand that this is a college class so appropriate behavior is expected at all times (i.e. not speaking out of turn, raise your hand to talk and wait until acknowledged, paying attention, avoid side comments, not answering your cell phone in class, working in assignments for another class, etc.). For this reason, no discipline problem will be tolerated.
 - a. First offense: warning.
 - b. Second offense: student will immediately be dropped from the class.
17. 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. DSP&S, Room 2117, Health Sciences Building, (760) 355-6312.
18. Classroom Etiquette-In class, it is expected that you will treat your instructor and each other with respect. Do not talk when the instructor is lecturing except to ask a question to the instructor or answer a question posed to the class. Feel free to ask questions as needed and listen when someone else is asking a question because you may have the same one.
19. Academic Integrity- If a student is found cheating in a test, he/she will receive a grade of zero for the test. If cheating is repeated, he/she will receive a grade of F for the course and will be immediately dropped from the class.
20. 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 overall score is 90% or higher you will get full credit, otherwise your grade will be your overall percentage translated to points. For example: if you score 91%=100 points, if you score 72%=72 points.

21. **Calendar** (It may be subject to modification according to students' needs).

WEEK #	CORE CONTENT	ASSIGNMENTS – TESTS
1-June 24	<p>Syllabus Real Numbers A. Order of operations B. Integers C. Addition and subtraction of integers D. Multiplication and division of integers E. Operations with rational numbers F. Rational and irrational numbers G. Properties of real numbers</p>	Chapter 2
2-July 01	<p>Variable expressions A. Evaluating variable expressions B. Simplifying variable expressions C. Translating verbal expressions into variable expressions.</p> <p>Test # 1</p>	Chapter 1 Chapters 1-2
3-July 08	<p>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</p>	Chapter 3
4-July 15	<p>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</p> <p>Test # 2</p>	Chapter 9 Chapters 3-9
5-July 22	<p>Geometry A. Basic Vocabulary B. Naming Polygons C. Circles D. Naming solids E. Perimeter and</p>	Chapter 9

	circumference F. Area and volume G. Plotting points on a Cartesian plane H. Applications Test # 3	Chapter 8 Chapters 8-9
6-July 29	Review all chapters for final exam Final Exam-All Chapters Grades and questions	Final Exam: All chapters