

## Imperial Valley College Course Syllabus –Math 81 Beginning Algebra

### Basic Course Information

Semester	FALL 2016	Instructor	PorfirioHernandez
Course Title &	Beginning Algebra Math 81	Email	Porfirio.hernandez@imperial.edu
CRN	10086	Webpage (optional)	Or pohernan@yahoo.com
Room	2723	Office	N/A
Class Dates	AUG 15to DEC 09, 2016 Drop deadline: NOV 05, 2016	Office Hours	N/A
Class Days	TUESDAY & THURSDAY	Office Phone	760-234-0611
Class Times	8:00am-10:05am	Office contact if student will be out	Silvia Murray 760□355□6201 or OfeliaDuarte 760□355□6155
Unit	4units	oremergency	

### Course Description

This course is an introduction to the concepts of Algebra. Topics covered include solving equations, polynomials, factoring, rational expressions, graphs and linear equations, systems of linear equations, and solving rational expressions

### 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. Solve linear equations in one variable. (ILO2)
2. Factor polynomial expressions using a variety of methods and solve polynomial equations. (ILO2)
3. Graph linear equations and find values related to linear graphs. (ILO2)
4. Solve application problems appropriate to beginning algebra. (ILO2)

### Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Demonstrate skills in solving first-degree equations.
2. Demonstrate the ability to solve many problems in diverse areas, in a step-by-step manner, when dealing with applications.
3. Develop manipulation skills when operating polynomials.
4. Demonstrate the various types of factoring and recognizing the factoring process.
5. Demonstrate an understanding of skills in operations with and simplifications of rational expressions.
6. Demonstrate a visual understanding of the Cartesian Coordinate System and linear graphs.
7. Demonstrate the ability to solve linear systems of equations both algebraically and graphically.
8. Demonstrate the ability to solve linear inequalities algebraically and be able to present the solutions graphically.

### Textbooks & Other Resources or Links

1. Beginning Algebra and Intermediate Algebra Imperial Valley College (Blitzer), ISBN: 1256711500, chapters 1-7.
2. Math lab or library tutors

### Course Requirements and Instructional Methods

1. Exams or Tests (60%): There will be four tests each worth 15% and there will be no makeup exams given. Exams are closed book and closed notes. You may use a scientific calculator. Please refer to calendar for dates.
2. Final Exam (25%): The final exam will be multiple choice. It will be comprehensive and will be created by The IVC Math department. A score of 0 will be given if the final is missed. The final exam is closed book and closed notes. You may use a scientific calculator.

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3. Homework and Quizzes (15%)The purpose of homework is to provide students with sufficient practice to do well on tests and the final exam.Homework is based on the book.

Homework deadlines are set to assure that you complete the homework before the test on covered material. Do not ask for an extension to the homework deadline. There is no point in studying for a test after you have already taken it. A practice test or quiz will be given before the test or quiz including the final exam.

4. There will be no extra credit.Students must learn the material to pass this course.

5. It is of the most importance that students review the material to do well on exams. Students are encouraged to form study groups to meet regularly to keep up with labs and homework and to study for tests.

### 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 4 tests and there will be no makeup exams given.
Final	25%	The final will be given on the last day of the semester. A score of 0 will be given if the final is missed.
Homework	15%	Homework is based on the book.
Total:	100%	There is no extra credit. 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

### 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. 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

- Electronic Devices:Cell phones and electronic devices must be turned off and put away during class or Put it on vibration
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs..
- 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. procedures will be followed as outlined in the General
- Children in the classroom:Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

### Academic Honesty

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- **Plagiarism** is taking and presenting 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 'cite a source' correctly, 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 that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or 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 School Catalog for more information on academic dishonesty or other misconduct. Acts of 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) using a commercial term paper

### Additional Help –Discretionary Section and Language

- **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 Study Skills Center (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 Study Skills 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-

### 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](http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762)

### Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-letters/library-department/info-lit-tutorials/>

Anticipated Class Schedule Calendar

Math 81 fall 2016			
Date	Text	Event	Note
8/16/16	Chapter 1	Linear Equations & inequalities	Review
8/18/16	Chapter 1		Review
8/23/16	Chapter 1		Review
8/25/16	Quiz 1		Ch 1
8/30/16	2.1-2.2		
9/01/16	2.3-2.4		
9/06/16	2.5		
9/08/16	2.6	Text 1	Ch 1 & Ch 2
9/13/16	3.1-3.2		
9/15/16	3.3-3.5		
9/20/16	Quiz 2		Ch 3
9/22/16	4.1-4.2		
9/27/16	4.3		
9/29/16	4.4		
10/04/16	Quiz 3	Quiz 3	Ch 4
10/06/16	5.1-5.2		
10/11/16	5.3-5.4		
10/13/16	5.5		
10/18/16	5.6		
10/20/16	5.7		
10/25/16	Text 2		Ch 5
10/27/16	6.1-6.2		
11/01/16	6.3-6.4		
11/03/16	6.5-6.6		
11/08/16	Text 3		Ch 6
11/10/16	7.1-7.2		
11/15/16	7.3-7.4		
11/17/16	7.5-7.7		
11/22/16	No class	Holiday	
11/24/16	No class	Holiday	Thanks giving
11/29/16	Text 4		Ch 7
12/01/16	Review		Review for final exam
12/06/16	Final	Final Exam	Ch 1-7

