

## Math 81 Syllabus Spring 2015

Semester:	<b>Spring 2015</b>	Instructor Name:	<b>Velarmino Susarez</b>
Course Title & #:	<b>Math 081</b>	Email:	<b>suarezinv@imperial.edu</b>
CRN #:	<b>20350</b>	Webpage (optional):	
Classroom:	<b>2723</b>	Office #:	<b>Room 2723</b>
Class Dates:	<b>Feb 17 - June 12</b>	Office Hours:	<b>N/A</b>
Class Days:	<b>T R</b>	Office Phone #:	<b>N/A</b>
Class Times:	<b>03:15 – 05:10 pm</b>	Emergency Contact:	<b>Silvia Murray 760-355-6201 or Ofelia Duarte 760-355-6155</b>
Units:	<b>4.0</b>		

## 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 inequalities.

## Student Learning Outcomes

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

1. Solve linear equations in one variable. (IL02)
2. Factor polynomial expressions using a variety of methods and solve polynomial equations. (IL02)
3. Graph linear equations and find values related to linear graphs. (IL02).
4. Solve application problems appropriate to beginning algebra. (IL02)

## Course Objectives

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 operation polynomials.
4. Demonstrate the various types of factoring and be cognizant of 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 equations 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

Blitzer (2012). Introductory & Intermediate Algebra for College (4<sup>th</sup>/e)  
Pearson. ISBN: 978-0321729385

## 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 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.
4. There will be no extra credit. 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 meet regularly to keep up with assignments and to study for tests.

## Course Grading Based on Course Objectives

The student's grade will depend on the following area

Semester tests:	75% There will be 3 tests and there will be no make up 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.

## 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

- **Electronic Devices:** Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- **Food and Drink** are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- **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.

### Academic Honesty

- **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 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 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) using a commercial term paper service.

### Additional Student Services

- **Blackboard Support Site.** The Blackboard Support Site provides a variety of support channels available to students 24 hours per day.
- **Learning Services.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your [Campus Map](#) for the [Math Lab](#); [Reading, Writing & Language Labs](#); and the [Study Skills Center](#).
- **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. Please contact them if you feel you need to be evaluated for educational accommodations.

## Student Counseling and Health Services

*[Required language.]*

Students have counseling and health services available, provided by the pre-paid Student Health Fee.

- [Student Health Center](#). A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District and El Centro Regional Center provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC [Student Health Center](#) at 760-355-6310 in Room 2109 for more information.
- [Mental Health Counseling Services](#). Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC [Mental Health Counseling Services](#) at 760-355-6196 in Room 2109 for more information.

## Student Rights and Responsibilities

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

## Information Literacy

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

## Anticipated Class Schedule/Calendar

Week and date	Assignment	
Week 1 Feb 17-19	Ch 1 Review Ch 2 Sections 1.2 and 3	( 1, 5, 9.. 113 ) odd only
Week 2 Feb 24-26	Ch 2 Sections 4 & 5 Ch 2 Sections 6 & 7	

## Anticipated Class Schedule/Calendar

<b>Week and date</b>	<b>Assignment</b>	
Week 3	Ch 3 Sections 1 & 2	
Mar 3 and 5	Ch 3 Sections 3 & 4	
Week 4	Ch 3 Section 5 <b>Test # 1</b>	
Mar 10-12		
Week 5	Chapter 4 Sections 1 and 2	
Mar 17-19	Chaptter 4 Sections 3 and 4	
Week 6	Chapter 5 Sections 1 and 2	
Mar 24- 26	Chapter 5 Sections 3 and 4	
Week 7	Chapter 5 Sections 5 and 6	
Mar 31 Apr 2	Chapter 5 Section 7 <b>Test # 2</b>	
Week 8		
Apr 14-16	Chapter 6 Sections 1 and 2	
Week 9	Chapter 6 Section 3	
Apr 21-23	Chapter 6 Section 4	
Week 10	Chapter 6 Section 5	
Apr 28 30	Chapter 6 section 6	

Week 11 Chapter 7 Sections 1 and 2

May 5-7 Chapter 7 Section 3

Week 12 Chapter 7 Section 4

May 12-14 Chapter7 Section 5

Week 13 Chapter 7 Section 6

May 19-21 Chapter 7 Section 7

Week 14 Chapter 7 Section 8

May 26-28 **Test # 3**

Week 15 Review for final exam

June 2 and 4 Review for final exam

Week 16

**Final Exam**

June 9-11

**\*\*\*Tentative, subject to change without prior notice\*\*\***