Basic Course Information

Semester	**Fall 2014**	Instructor Name	**Jeronimo Garay**
Course Title & #	**Intermediate Algebra 091**	Email	**jeronimo.garay@imperial.edu**
CRN #	**10404**	Webpage (optional)	
Room	**2725**	Office	**Part-Timers: Room 809**
Class Dates	**Aug 18, 2014 to Dec 13, 2014**	Office Hours	**Learning & Tutoring Center T,TH 10:00-12:00 or 2:00-3:00**
Class Days	**M,W,F**	Home Phone #	**(760) 353-7749**
Class Times	**10:00-11:35 A.M.**	Office contact if student will be out	**jeronimo.garay@imperial.edu or Home Phone**
Units	**5 Units**	or emergency	

Course Description

A further study of the concepts of algebra. Topics covered include linear and quadratic equations, relations, functions and graphs, systems of equations, logarithmic and exponential functions, conic sections, and sequences and series.

Student Learning Outcomes

Required language:

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

1. Solve quadratic equations by factoring, completing the square, and quadratic formula. (ILO2)
2. Solve equations involving radicals. (ILO2)
3. Recognize and graph equations of conic sections. (ILO2)
4. Perform operations on functions algebraically. (ILO2)
5. Solve an application involving exponential functions. (ILO2, ILO5)

Course Objectives

Required language:

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

1. demonstrate an understanding of radical expressions and equations.
2. demonstrate an ability to solve systems of equations, including systems with three equations and three variables.
3. demonstrate and understanding of quadratic functions, including graphing and equations.
4. demonstrate and understanding of functions and relations, including one to one functions.
5. demonstrate and understanding of logarithmic and exponential functions and their graphs.
6. classify and graph ellipses, parabolas, and hyperbolas.
7. demonstrate an understanding of sequences and series and their operations.

Textbooks & Other Resources or Links

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

Course Requirements and Instructional Methods

Out of Class Assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2) hours of out-of-class time per week over the span of a semester. Out of class assignments include 60 to 80 exercises per week as homework and reading the book. In class assignment include cooperative learning solving problems in groups.

Course Grading Based on Course Objectives

Grading Policy: The semester grade will be based on an accumulation of points

	Points	Points Acc.	Percent/Grade
Tests: 150 points each	600	900-1000	90-100 / A
(4 tests will be given)			
Quizzes: 5 points each	50	800-899	80-89 / B
(10 quizzes will be given)			
Homework: 10 points each	100	700-799	70-79 / C
(13 weekly home-works will be given 10 will count)			
Final Exam	250	600-699	60-69 / D
Total Points	1000	0-599	0-59 / F

Attendance

Required language

- 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.
- Food and Drink are prohibited in all classrooms.   Water bottles with lids/caps are the only exception.
- 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 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) using a commercial term paper service.

Additional Help – Discretionary Section and Language

The instructor can add the information pertinent to his or her class here. Some suggested 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 760-355-6310.

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 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-and-letters/library-department/info-lit-tutorials/

Anticipated Class Schedule / Calendar

MATH 091 Tentative Schedule

	DATE	DAY	SECTIONS COVERED
WEEK #1	August 18	M	Introduction to Grading Policy
	August 20	W	8.1
	August 22	F	8.2
WEEK #2	August 25	M	8.3
	August 27	W	8.4
	August 29	F	9.1
WEEK #3	September 1	M	Holiday
	September 3	W	9.2
	September 5	F	9.3
WEEK #4	September 8	M	9.4
	September 10	W	Test # 1 chapters 8 & 9
	September 12	F	10.1
WEEK #5	September 15	M	10.2
	September 17	W	10.3
	September 19	F	10.4

WEEK #6	September 22	M	10.4
	September 24	W	10.6
	September 26	F	10.7
WEEK #7	September 29	M	Review Chapter 10
	October 1	W	Test #2 Chapter 10
	October 3	F	11.1
WEEK # 8	October 6	M	11.2
	October 8	W	11.3
	October 10	F	11.4
WEEK # 9	October 13	M	11.5
	October 15	W	12.1
	October 17	F	12.2
WEEK # 10	October 20	M	12.3
	October 22	W	12.4
	October 24	F	12.5
WEEK # 11	October 27	M	Review Chapters 11 & 12
	October 29	W	Test # 3 Chapters 11 & 12
	October 31	F	13.1
WEEK # 12	November 3	M	13.2
	November 5	W	13.3
	November 7	F	13.4
WEEK # 13	November 10	M	13.5
	November 12	W	14.1
	November 14	F	14.2

WEEK # 14	November 17	M	14.3
	November 19	W	14.4
	November 21	F	Review Chapters13 & 14
WEEK # 15	December 1 `	M	Test # 4 Chapters 13 & 14
	December 3	W	Review for Final
	December 5	F	Review for Final
WEEK # 16	December 8	M	Final Exam