Basic Course Information

Semester:	**Fall 2015**	Instructor Name:	**Jeronimo Garay**
Course Title & #:	**Math 091**	Email:	**Jeronimo.garay@imperial.edu**
CRN #:	**10113**	Webpage (optional):	
Classroom:	**2728**	Office #:	**2728**
Class Dates:	**8-17-2015 to 12-11-2015**	Office Hours:	**MWF 8:15-8:30&10:05-10:15**
Class Days:	**MWF**	Office Phone #:	**(760) 353-7749**
Class Times:	10:15-12:45	Emergency Contact:	**Same phone**
Units:	5		

Course Description

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

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 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. Solve three by three linear systems by elimination or/and substitution. (ILO2)
5. Solve an application involving exponential functions. (ILO2, ILO5)

Course Objectives

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 syetems of applications, 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 logorithmic 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

Tussy, Allan S., Gustafson, David, R (2009). *Intermediate Algebra* (4th/e). Brooks-Cole. Lial,M., Hornsby,J. McGinnis,J. (2010). *Intermediate Algebra* (10th/e). Addison Wesley. Kinney, P., and Robertson, D. (2007). *Interactive Mathematics Intermediate Algebra* (3rd/e). Plato Learning. Martin-Gay (2006). *Intermediate Algebra* (4th/e). Prentice Hall.

Course Requirements and Instructional Methods

<u>Out of Class Assignments</u>: 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 <u>and </u>two (2) hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement. *Out of class assignment includes 60 to 100 exercises per week as homework and reading the book. In class assignments include cooperative learning solving problems in group.*

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 home-works will be given)				
Final Exam	250	600-699	60-69	D
Total Points	1000	0-599	0-59	F

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.

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

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- 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

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 provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC Student Health Center at 760-355-6128 in Room 1536 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

MATH 091 OUT-LINE

	DATE	DAY	SECTIONS
WEEK #1			
	August 17	M	Introduction to Grading Policy,8.1
	August 19	W	8.2
WEEK #2			
	August 24	M	8.3
	August 26	W	8.4, 9.1
WEEK #3			
	August 31	M	9.2
	September 2	W	9.3, 9.4
WEEK #4			
	September 7	M	Holiday

	September 9	W	10.1, Test # 1 chapters 8 & 9
WEEK #5			
	September 14	M	10.2
	September 16	W	10.3, 10.4
WEEK #6			
	September 21	M	10.5
	September 23	W	10.6, 10.7
WEEK #7			
	September 28	M	Review Chapter 10
	September 30	W	11.1, Test #2 Chapter 10
WEEK # 8			
	October 5	M	11.2
	October 7	W	11.3, 11.4
WEEK # 9			
	October 12	M	11.5
	October 14	W	12.1, 12.2
WEEK # 10			
	October 19	M	12.3
	October 21	W	12.4, 12.5
WEEK # 11			
	October 2 6	M	Review Chapters 11 & 12
	October 2 8	W	13.1, Test # 3 Chapters 11 & 12

WEEK # 12

November 2	M	13.2
November 4	W	13.3, 13.4

WEEK # 13

November 9	M	13.5, 14.1
November 11	W	Holiday

WEEK # 14

November 16	M	14.2
November 18	W	14.3, 14.4

WEEK # 15

November 30	M	Review Chapters 13, 14, Test #4
December 2	W	Review for Final

WEEK # 16

December 7	M	Final Exam