

Basic Course Information

Semester:	Fall 2015	Instructor Name:	Reetika Dhawan
Course Title & #:	Math-91	Email:	Reetika.dhawan@imperial.edu
CRN #:	10913	Webpage (optional):	
Classroom:	3112	Office #:	Rm 2761
Class Dates:	8/17/15 to 12/11/2015	Office Hours:	
Class Days:	M&W	Office Phone #:	928-344-7650
Class Times:	11:20AM-2:30PM	Emergency Contact:	Ofelia Duarte – Staff Sec II 760 – 355 - 6155
Units:	5		

Course Description

This course is 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. (Nontransferable, AA/AS degree only)

Student Learning Outcomes

- Solve quadratic equations by factoring, completing the square, and using the quadratic formula.
- Solve equations involving radicals.
- Recognize and graph equations of conic sections
- Perform operations on functions algebraically.
- Solve an application involving exponential functions.

Course Objectives

Through various activities and assessments, students will: 1. Demonstrate an understanding of radical expressions and equations 2. Demonstrate an ability to solve systems of equations with applications, including both 2 and 3 variables. 3. Demonstrate an understanding of quadratic functions, including graphing and equations. 4. Demonstrate an understanding of

functions and relations, including one to one functions. 5. Demonstrate an 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

1. Introductory and Intermediate Algebra for College Students, 4th edition Author: Robert Blitzer
2. Math XL Access Code (this may be purchased with the text or separately . . . this will be for homework)
3. A 1” ring binder

Course Requirements and Instructional Methods

This is a lecture class where concepts of Intermediate Algebra will be explained and practiced in the form of class work. Additional homework assignments completed outside of class will be required. These homework assignments will be accessed through Math XL.

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. WASC has adopted a similar requirement.

Course Grading Based on Course Objectives

Tests - 100 points each
90% - 100% A (4 tests during the semester; see schedule for dates)
80% - 89% B
70% - 79% C .

Homework – 100 points (Math XL percentage)
60% - 69% D
0% - 59% F

Class work – 75 points (maximum)

Notebook – 25 points (graded 3 times: 5,10,10 points)

Final Exam - 150 points (December 11, comprehensive)

Attendance, class participation and a subjective instructor’s interpretation of work may be used in assigning a final grade to borderline cases.

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. DO NOT TEXT. Texting during class is disruptive to your learning and students around you.

- **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.**
- **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.**
- **Please be courteous of others: Try to be on time to class and avoid talking during lectures.**

Academic Honesty

Plagiarism is to take and present 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 correctly 'cite a source', 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, or assisting others in using materials, which 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) use of 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 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

**Intermediate Algebra/Math 91 Fall, 2015
Schedule/Assignments ****

August 17th Introduction & 8.1	August 19th 8.1 & 8.2	August 24th 8.2 & 8.3	August 26th 8.3 & 8.4
August 31st 9.1 & 9.2	September 2nd 9.3 & 9.4	September 7th Exam-1 based on 8 & 9	September 9th 10.1
September 14th 10.2 & 10.3	September 16th 10.4	September 21st 10.5	September 23rd 10.6
September 28th 10.7	September 30th 11.1	October 5th Exam-2 Chapter 10	October 7th 11.2
October 12th No class	October 14th 11.3	October 19th 11.4	October 21st 11.5
October 26th 12.1 & 12.2	October 28th 12.3 & 12.4	November 2nd 12.5	November 4th Exam-3 Chapter 11 & 12
November 9th 13.1 & 13.2	November 11th No class	November 16th 13.3 & 13.4	November 18th 13.5
November 23rd 14.1	November 25th 14.2	November 30th 14.3	December 2nd Exam 4
December 7th Review for Final	December 9th Final Exam		

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