

Basic Course Information

Semester	Fall 2014	Instructor Name	Mardjan Shokoufi
Course Title & #	Intermediate Algebra, MATH 91	Email	mardjan.shokoufi@imperial.edu
CRN #	10417	Webpage (optional)	
Room	ONLINE	Office	2762
Class Dates	ONLINE	Office Hours	MTWR 9-10 am
Class Days	ONLINE	Class Times	ONLINE
Units	5		
Office Phone #	(760) 355-6401		
Mathematics Department : 2770		Department Secretary (760) 355-6155	

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. (Nontransferable, AA/AS degree only)

Prerequisite: MATH 81 with C or better or Math placement test.

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. Perform operations on functions algebraically. (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 applications, inequalities and absolute value inequalities.
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
 We be using MyMathLab component that has e-book, so no need to buy the actual book.

MyMathLab Course ID:Shokoufi12537

Course Requirements and Instructional Methods

Material needed: MyMathLab, paper, pen, pencil, highlighter, scientific calculator (Note: no graphing calculator, cell phone, or other such devices are allowed on the tests)

MyMathLab Course ID:Shokoufi12537

Course setting: This course is designed to have you learn facts while gaining an appreciation of the power of Mathematics and getting ready for your future courses in this field. My responsibility is to do my best to be an effective guide, while you are responsible to make a commitment to learning and keeping up with the daily work. Remember mathematics is learned through active participation.

On weekly basis you need to:

- Use provided learning units to study the week’s material and take notes from e-book and lecture videos.
- Do the assignment in the MyMathlab.
- Participate in the discussion forum of Blackboard.

Class Rules:

1. Late assignment is **not** accepted
2. **No** make-up test will be given
3. It is the student’s responsibility to drop or officially withdraw from the class.
(See IVC fall class schedule for dates).

At IVC Test days:

Friday October 10	8:30-10 am	Room 2734
Wednesday December 10	6-7:30 pm	Room 2734

Course Grading Based on Course Objectives

15 Classwork/Homework sets* @ 10 points each	150 (See the attached calendar for dates)
3 Tests @100 points each	300 (See the attached calendar for dates)
15** Discussions@ 5 points each	50
Final @ 200 points	200 (See the attached calendar for date)
TOTAL	700

*Each set would consist of 50 to 150 exercises, depending on the material

**Only 10 discussions will be counted, 5 will count as extra credit

Grading Scale: The standard grading scale will be used: 90%=A, 80%= B, 70%-C, 60%=D, less than 60% will result in the grade of F.

- 630-700 points = A**
- 560-629 points = B**
- 490-559 points = C**
- 420-489 points = D**
- Zero –419 points = F**

Attendance

- A student who fails to 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 the [IVC General Catalog](#) for details.
- Students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.

Online Classroom "Netiquette"

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word.
- Netiquette rules to remember: (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

- 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 should 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 [IVC 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, and (e) use of a commercial term paper service.

Additional Help

- [Blackboard Support Center](#): The IVC Blackboard Support Center is designed to provide a variety of Blackboard support channels, all of which are available 24 hours per day, 7 days per week.
- [Learning Labs](#): There are several learning labs on campus to assist you through the use of computers and tutors. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Contact the instructor for information about labs unique to your specific program.
- [Library Services](#): The IVC Library has many resources. In addition to books, you can access tutors in the learning center, reserve study rooms for small groups, and access a wealth of resources online.

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 DSP&S 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. 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](#).

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access helpful “How-To” Library tutorials by accessing the [Information Literacy Tutorials](#) online.

Anticipated Class Schedule / Calendar

Module/Week	Due on	Sections of the Book Covered	Assignments(HW) on MyMathLab and Discussion on Blackboard	
1	8/27	8.1, 8.2	HW 1/ Discussion 1	
2	9/3	8.3, 8.4	HW 2/ Discussion 2	
3	9/10	9.1, 9.2	HW 3/ Discussion 3	
4	9/17	9.3, 9.4	HW 4/ Discussion 4	Test 1
5	9/24	10.1, 10.2	HW 5/ Discussion 5	
6	10/1	10.3, 10.4, 10.5	HW 6/ Discussion 6	
7	10/8	10.6, 10.7	HW 7/ Discussion 7	Test 2 on campus on 10/10/14
8	10/15	11.1, 11.2	HW 8/ Discussion 8	
9	10/22	11.3	HW 9/ Discussion 9	
10	10/29	11.4, 11.5	HW 10/ Discussion 10	
11	11/5	12.1, 12.2	HW 11 Discussion 11	Test 3
12	11/12	12.3	HW 12/ Discussion 12	
13	11/19	12.4, 12.5	HW 13/ Discussion 13	
14	12/3	13.1-13.5	HW 14/ Discussion 14	
15	12/10	14.1-14.4	HW 15/ Discussion 15	Final on campus on 12/10/14