

General Information:

Instructor: Mardjan (Marj) Shokoufi	Text/Author: Introductory and Intermediate Algebra for college students, 4 th edition, <i>Blitzer</i>
Office: 2766	Chapters Covered: 8-14
Phone: 355-6401	Classroom and day/time: M-R 8:35-9:45 am in 2500
e-mail: mardjan.shokoufi@imperial.edu	Credit Units: 5 Class Code: 20123
Office hours in my office room 2766: MW 1-2, T 1:15-2, TH 12:45-2	Appointment Hours*: as requested

* A minimum of 24 hours notice need to be given for appointment hours.

Prerequisite: Math 80 or Math 81 with a grade of C or higher or appropriate placement

Course Description:

A further study of the concepts of algebra learned in beginning 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.

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.

MyMathLab Course ID: shokoufi30004

Your work will be done mostly through **MyMathLab** (address: pearsonmylabandmastering.com) program. This is the software that you will be using for all your Mathematics assignments as well as possibly 1 or 2 of your tests. **You need to register in the program by Wednesday January 22, 2014 at 8:35 am or will be dropped from the class.No exception!!!**

In the program you will have access to your e-book, lecture videos, sample chapter tests as well as individualized study guide based on your work on the tests and assignments, included are free tutoring from the publisher.

Material needed: MyMathLab component of the book (can buy online) and the textbook (optional), paper, pen, pencil, highlighter, scientific calculator (graphing calculator and cell phones are not allowed during the tests).

Module Description:

This class is divided into 15 modules. Each module covers material from your textbook and MyMathLab program. The modules will be accessible from the Menu under modules in Blackboard. Each module corresponds directly with your assignment number in MyMathLab.

You will be able to see the modules throughout the semester for review. However; the assignments will not be available after the due date. This strict schedule is necessary to keep you on track in the course. Students who get behind in their coursework often end up failing the course as a result.

Portfolio Description:

As you read your book and watch the lecture videos you need to take notes and write down the formulas, as well as while doing your assignments you need to keep all these notes, formulas, and worked-out exercises in a notebook or binder. It should be put in **3 parts**: 1. formulas you need to study and memorize; 2. the rules and examples you are writing as you are reading your book and watching the lectures; and 3. the assignment section that include the worked out HW problems.

Note: The portfolio has to be turned in twice: Once the day of the second test or before then, and the other on the week before the final week.

TESTS:

There are 3 tests and a cumulative final in the class:

2 tests are on-line, using MyMathlab program; the other 1 test and the final are paper tests. All tests will be done during the class time, see the schedule.

ASSIGNMENTSS:

There are 15 assignments (called HW) in the class to be done on MyMathlab. Each assignment is worth 10 points. Assignments cannot be accessed after the due date and must be completed on time. *There are no exceptions to this late assignment policy.*

Grading:

15 assignments sets @ 10 points each	150 (See the attached calendar for dates)
3 Tests @100 points each	300 (See the attached calendar for dates)
Final (cumulative)	200 (See the attached calendar for date)
Portfolio @25 points at each collection	50 (collected twice at on campus tests)

Total

700

The assignments called HW are dne in the MyMathLab program. Each set would consist of 50 to 100 exercises.

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

Guidelines and Attendance Policy:

1. Late assignment is **not** accepted
2. **No** make-up test will be given
3. Bring your book, binder, pen, pencil, highlighter, and calculator to the class everyday.
4. 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.
5. **School policy:** No food or drink in the classroom
6. **School policy:** No children allowed in the classroom
7. It is **your responsibility** to take notes and make copies of the notes from the days you have been absent.
8. 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. Maximum number of absence allowed: **4**, being tardy or leaving the class early will count as half absence. The instructor can drop you from the class if the number of absence exceeds the number allowed.
9. Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

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.

Classroom Etiquette and Netiquettes:

- 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.
- 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 communications: Students participating in electronic activity must interact with others in a supportive, positive and cooperative manner and display respect for the privacy and rights of others. Remember to be courteous about what you say to or about others in any electronic format as you would have done in a regular classroom setting. The golden rule is "Remember the Human"; there is a real person with real feelings on the receiving end of your email or post. Have an open mind and be respectful to opinions and ideas that differ from yours. The exchange of diverse thoughts, ideas and opinions are an important part of the scholarly environment. Capitalizing whole words is generally seen as SHOUTING and is often offensive to the reader. Use all capital letters sparingly, such as to highlight an important word or point. Always read what you have written before posting.

Disabled Students Program and Services:

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Program and Services (DSP&S) office as soon as possible.

DSP&S

Room 2117

Health Sciences Building

(760) 355-6312

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.

Students 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 help 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/>

Learning resources: instructor, the tutors at the library and at the Math Lab, and online tutoring through the MyMathLab.

Tips for Success:

- **Expect to spend 4-5 hours daily for review, reading and doing homework**
- **Read your textbook and take notes**
- **Take good notes and read through your own notes as you work through HW**
- **Do your homework**
- **Avoid getting behind**
- **Get help when needed**
- **Form a study group**
- **Be organized**
- **Keep track of your grade**

Test 1-----	HW 1-----	HW 9-----
Test 2-----	HW 2-----	HW 10-----
Test 3-----	HW 3-----	HW 11-----
	HW 4-----	HW 12-----
Portfolio 1-----	HW 5-----	HW 13-----
Portfolio 2-----	HW 6-----	HW 14-----
	HW 7-----	HW 15-----
	HW 8-----	

SLO: IVC has developed SLO (student learning outcomes) for the institution and the courses.

Institutional Student Learning Outcomes:

Students who complete a degree or certificate at Imperial Valley College will demonstrate competency in these five areas: communication skills, critical thinking skills, personal responsibility, information literacy, and global awareness.

MATH 91 Student Learning Outcomes:

Students who successfully complete MATH 91 at Imperial Valley College will demonstrate competency in these areas:

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)

Class Calendar

Module	Due on*	Sections Covered	Assignments(HW) On MYMATHLAB		
1	1/28	8.1, 8.2	HW 1		
2	2/4	8.3, 8.4	HW 2		
3	2/11	9.1, 9.2	HW 3		
4	2/18	9.3, 9.4	HW 4	Test 1	
5	2/25	10.1, 10.2	HW 5		
6	3/4	10.3, 10.4, 10.5	HW 6		
7	3/11	10.6, 10.7	HW 7	Test 2	Portfolio due
8	3/18	11.1, 11.2	HW 8		
9	3/25	11.3	HW 9		
10	4/1	11.4, 11.5	HW 10		
11	4/8	12.1, 12.2	HW 11	Test 3	
12	4/15	12.3	HW 12		
13	4/29	12.4, 12.5	HW 13		
14	5/6	13.1-13.5	HW 14		Portfolio due this week
15*	5/12*	14.1-14.4	HW 15	Final	