Happy 2021!

Thank you for choosing IVC! We are so happy to join you in your educational journey.

Basic Course Information

Semester:	**Spring 2021**	Instructor Name:	**Mardjan Shokoufi**
Course Title & #:	**MATH 150 College Algebra**	Email:	**mardjan.shokoufi@imperial.edu**
CRN #:	**20131**	Webpage (optional):	**None**
Classroom:	**None- Online**	Office #:	**2762 NOTE: for spring IVC will be mostly in online format. So, I will not be physically in my office.**
Class Dates:	**2/16/2021- 6/10/2021**	Office Hours:	**MW 10-11, TR 12:30-1:30 Through e-mail and zoom. See Canvas for zoom meeting ID.**
Class Days:	**TR 10:15-12:20 See Canvas for zoom ID**	Office Phone #:	**(760)355-6401 NOTE: for spring IVC will be mostly in online format. So, I will not be physically in my office and will not have access to my office phone.**
Class Times:	**TR 10:15-12:20 See Canvas for zoom ID**	Emergency Contact:	**Division secretary: Ms. Silvia Murray silvia.murray@imperial.edu**
Units:	**4**	Class Format:	**Zoom, see canvas for meeting ID**

Course Description

College level course in algebra: polynomial, rational, radical, absolute value, exponential and logarithmic functions; systems of equations, theory of polynomial equations, matrix algebra, linear programming, and analytic geometry. (UC credit limited. See a counselor) (CSU/UC)

Course Prerequisite(s) and/or Corequisite(s)

Appropriate placement as defined by AB705 or,
MATH 098 or MATH 091 with a grade of "C" or better.

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. Demonstrate problem solving strategies by identifying an appropriate method to solve a given problem, correctly set up the problem, perform the appropriate analysis and computation, and share their interpretation of the conclusion or the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester. (ILO1, ILO2)

Course Objectives

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

1. Analyze and investigate properties of functions.
2. Synthesize results from the graph and/or equations of functions.
3. Apply transformations to the graphs of functions.
4. Recognize the relationship between functions and their inverses graphically and algebraically.
5. Solve an apply rational, linear, polynomial, radical, absolute value, exponential, and logarithmic equations and solve linear, non-linear, and absolute value and equality.
6. Solve systems of equations and inequalities.
7. Apply techniques for finding zeros of polynomials and roots of equations.
8. Apply functions and other algebraic techniques to model real world B-STEM applications.
9. Analyze conics algebraically and graphically and use formulas to find sums of finite and infinite series.
10. Perform operations on matrices and solve linear systems of equations using matrix algebra.
11. Use Linear Programming in common business and science applications.

Textbooks & Other Resources or Links

Textbook:
Blitzer, Robert (2018). *College Algebra* (7th/e). Pearson. ISBN: 978-0-13-446916-4

We will be using MyMathLab component that has e-book, so no need to buy the actual book.
MyMathLab **need to be purchased. Use canvas link for purchase and access.**
Mymathlab course ID: shokoufi15194

We will be using Mymathlab component for assignments, and tests.

Use Course ID: shokoufi15194 to sign up in the course. Follow the steps in "How to Register on Mymathlab" document posted on canvas shell for this course.

Note: you get 7 days of free access, so my expectation is you will be on Mymathlab from day 1 of the class.

Your success in the class depends on you being ready from day one to study and keep up with the assignments.

Course Requirements and Instructional Methods

Material needed: computer, Mymathlab course, scanner, or camera to upload your work, paper, pen, pencil, highlighter, stapler, scientific calculator (you may download a free calculator app from various sites)

Course setting:
We will cover chapters 1-8 The course is set as 12 parts (12 modules). See the attached calendar for all due dates and times.

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 daily basis you will have to take notes based on lecture videos posted, read your e-book emphasizing on the formulas and examples stated in the book notes document on canvas. And work on your assignment on mymathlab and discussion on canvas.

On daily basis you need to:
- Use provided lectures and book to study the day's topics and take notes.
- Work on the assignments.
- Know the pre-requisite topics learned in previous courses such as finding common denominator and such or ask me or tutors for help.

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 16-week semester. WASC has adopted a similar requirement.
For this class that means approximately 12 hours of studying, working on assignments and reviewing for the tests per week as this is a 16-week class.

Course Grading Based on Course Objectives

12 Classwork/Homework sets* @ 10 points each	**100**	(See the attached calendar for dates)
5 Discussions on canvas@ 10 points each	**40**	(See the attached calendar for dates)
3 Tests @100 points each	**300**	(See the attached calendar for dates)
Final @ 200 points	**200**	(See the attached calendar for date)
TOTAL	**640**	

*Each set would consist of 75 to 150 exercises, depending on the material. **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.

576-640 points = A
512-575 points = B
448-511 points = C
384-447 points = D
0-383 points = F

Extra Credit: 1 discussion and 2 HW will count as extra credit.

Course Policies

Class Rules:
1. Late assignment is **not** accepted.
2. **No** make-up test will be given.
3. Have paper, notebook, pen, pencil, and highlighter, your fully charged computer ready for each class.
4. It is the student's responsibility to drop or officially withdraw from the class.
(See IVC class schedule for dates).
5. It is **your responsibility** to take notes and be aware of deadlines and due dates.
6. Daily work on assignments is expected of all students.

Other Course Information

- **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 IVC General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following:
    - plagiarism
    - copying or attempting to copy from others during an examination or on an assignment.
    - communicating test information with another person during an examination
    - allowing others to do an assignment or portion of an assignment.
    - using a commercial term paper service.
- **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 IVC 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.

IMPERIAL VALLEY COLLEGE

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

WEEK	DAY	SCHEDULE
1	T 2/16	Intro, review, 1.1, 1.2
	R 2/18	1.3, 1.4
2	T 2/23	1.5
	R 2/25	**HW 1,** 1.6-1.7
3	T 3/2	2.1-2.2
	R 3/4	**HW 2,** 2.3
4	T 3/9	2.4
	R 3/11	2.5, **Discussion 1**
5	T 3/16	2.6
	R 3/18	**T 1, HW 3**
6	T 3/23	2.7 -2.8
	R 3/25	**HW 4**, 3.1 - 3.2
7	T 3/30	3.3-3.4
	R 4/1	**Discussion 2, HW 5,** 3.5
8	T 4/13	4.1-4.2
	R 4/15	**HW 6,** 4.3
9	T 4/20	4.4- 4.5
	R 4/22	**T 2, HW 7**
10	T 4/27	5.1 – 5.2
	R 4/29	**Discussion 3,** 5.3
11	T 5/4	5.4- 5.5
	R 5/6	**HW 8,** 5.6
12	T 5/11	6.1
	R 5/13	**HW 9,** 6.2
13	T 5/18	6.3
	R 5/20	**Discussion 4,** 6.4 – 6.5
14	T 5/25	7.1-7.2
	R 5/27	**HW 10,** 7.3, 8.1
15	T 6/1	8.2-8.3
	R 6/3	**T 3, HW 11**
16	T 6/8	**Discussion 5,** Review
	R 6/10	**FINAL**, **HW 12**

Tentative, subject to change without prior notice

==Zoom meeting etiquettes:== *Since we will be meeting online for Spring 2021, then make sure you have a space free of distraction for studying and meeting times, have your computer charged or charging, have your notebook, pen, pencils, and calculator handy.*

1) **Be RESPECTFUL**
    a. Your written, verbal, and non-verbal communications should be respectful and focused on the learning topics of the class.
2) **Find a QUIET LOCATION & SILENCE YOUR PHONE (if zooming)**
    a. People walking around and pets barking can be a distraction.
3) **EAT AT A DIFFERENT TIME.**
    a. Crunching food or chugging drinks is distracting for others.
    b. Synchronous zoom times are set in advance so reserve meals for outside class meetings.
4) **ADJUST YOUR LIGHTING SO THAT OTHERS CAN SEE YOU**
    a. It is hard to see you in dim lighting so find a location with light.
    b. If your back is to a bright window, you will be what is called "backlit" and not only is it hard on the eyes (glare) but you look like a silhouette.
5) **POSITION THE CAMERA SO THAT YOUR FACE AND EYES ARE SHOWING**
    a. If you are using the camera, show your face; it helps others see your non-verbal cues.
    b. You may be at home, but meeting in pajamas or shirtless is not appropriate so dress suitably. Comb your hair, clean your teeth, fix your clothes, etc. before your meeting time to show self-respect and respect for others.
6) **Be READY TO LEARN AND PAY ATTENTION**
    a. Catch up on other emails or other work later.
    b. If you are Zooming, silence your phone and put it away.
    c. If you are in a room with a TV – turn it off.
7) **USE YOUR MUTE BUTTON WHEN IN LOUD PLACES OR FOR DISTRACTIONS**
    a. Pets barking, children crying, sneezing, coughing, etc. can happen unexpectedly. It's best if you conference in a private space, but if you can't find a quiet place, when noises arise **MUTE** your laptop.
8) **REMEMBER TO UNMUTE WHEN SPEAKING**
    a. Follow your instructor's directions about using the **"raise hand"** icon or chat function to be recognized and to speak, but make sure you have unmuted your device.
    b. Do not speak when someone else is speaking.
9) **REMAIN FOCUSED AND PARTICIPATE IN THE MEETING**
    a. Especially when the camera is on YOU, we can all see your actions. Engage in the meeting. Look at the camera. Listen to instruction. Answer questions when asked.
    b. Do not use the Zoom meeting to meet with your peers or put on a "show" for them.
10) **PAUSE YOUR VIDEO IF MOVING OR DOING SOMETHING DISTRACTING**
    a. Emergencies happen. If you need to leave the room or get up and move about, stop your video.