



Basic Course Information

Semester:	Spring 2022	Instructor Name:	Mr. Voldman
Course Title & #:	Math 150-College Algebra	Email:	alex.voldman@imperial.edu
CRN #:	20062	Webpage (optional):	
Classroom:	2728	Office #:	2764
Class Dates:	02/14/22-06/10/22	Office Hours:	MW 10-11am online-zoom, TTH 12:30-1:30pm on campus
Class Days:	TTH	Office Phone #:	760-355-6299(only via e-mail)
Class Times:	10:15-12:20	Emergency Contact:	760-355-6155, 760-355-6201 Division Secretary
Units:	4	Class Format:	Face-to-Face(on campus)

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 the interpretation of the conclusion of the outcome, using correct grammar or in an oral presentation. This outcome will be assessed through selected exercises on exams throughout the semester.

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

Blitzer, R. 2017. *College Algebra* 7th. Pearson ISBN: 9780134469164.

Course Requirements and Instructional Methods

Homework: There will be homework exercises assigned for practice from each chapter that we cover. Homework will be completed within **MyMathLab**. Follow the deadlines, points will be deducted for late submissions!

Important: Temporary MyMathLab access code is good for 14 days from when you register!

Discussions: There will be ten discussions to be taken online within Canvas. Please see the tentative schedule (Syllabus) for the dates. Points will be deducted for late submissions!

Tests: There will be three exams and final to be taken online within **Canvas**. Please see the tentative schedule (Syllabus) for the dates. There will be no make-up exams. If you miss one exam, the final exam score will be used in its place.

Final: The final exam is mandatory(cumulative) for all students.

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

Grade Distribution

Discussions	Homework	Exams	Final
10 discussions @ 10 points each	14 homework activities @ 30 points each	3 exams at @ 100 points each	Final (Cumulative) 170 points

Course Grading

Discussions	10%
Homework	30%
Exams	30%
Final	30%

900-1000 points	A (90-100%)	800-899 points	B (80-89%)	700-799 points	C (70-79%)	600-699 points	D (60-69%)	Below 600 points	F (0-59%)
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Course Policies

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.



- 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.

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.

Other Course Information

Additional Student Services

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

- **CANVAS LMS.** Canvas is Imperial Valley College's main Learning Management System. To log onto Canvas, use this link: [Canvas Student Login](#). The [Canvas Student Guides Site](#) provides a variety of support available to students 24 hours per day. Additionally, a 24/7 Canvas Support Hotline is available for students to use: 877-893-9853.
- **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.



IMPERIAL VALLEY COLLEGE

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 counseling services are available for currently enrolled students. Services are provided in a confidential, supportive, and culturally sensitive environment. Please contact the IVC Mental Health Counseling Services at 760-355-6310 or in the building 1536 for appointments or more information...

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

Date or Week	Activity, and/or Assignment	Date or Week	Activity, and/or Assignment
Week 1	T-Orientation, TH 1.1-1.3	Week 9	T 3.5, TH 3.5
Week 2	T 1.5, TH 1.5	Spring Break from April 18 to April 24	
Week 3	T 1.6, TH 1.7		
Week 4	T 2.1-2.2, TH 2.3-2.4	Week 10	T-Review, TH-Exam 2(Ch 3)-April 28
Week 5	T 2.4-2.5, TH 2.6-2.8	Week 11	T 4.1-4.2, TH 4.3-4.4
Week 6	T-Review, TH-Exam 1(Ch 1-2)-March 24	Week 12	T 4.5, TH 5.1-5.2
		Week 13	T 5.4, TH 5.5
Week 7	T 3.1, TH 3.2-3.3	Week 14	T-Review, TH-Exam 3(Ch 4-5)-May 26
Week 8	T 3.3-3.4, TH 3.4	Week 15	T 7.1-7.3, TH 8.1-8.2
		Week 16	T-Final Review, TH-Final Exam
		Homework (HW) and Discussion(D) Deadlines	Homework (HW) and Discussion (D) Deadlines
		HW1, HW2, D1-3/15 at 9 am	HW9 and D6-4/26 at 9am
		HW3, HW4, D2-3/22 at 9am	HW10 and D7-5/10 at 9am
		HW5, HW6, D3-4/5 at 9am	HW11 and D8-5/17 at 9am
		HW7 & D4-4/12 at 9am	HW12 and D9-5/24 at 9am
		HW8 & D5-4/19 at 9am	HW13,HW14,D10-6/7 at 9am

*****Subject to change without prior notice*****