



Basic Course Information

Semester:	Fall 2021	Instructor Name:	Jill Nelipovich
Course Title & #:	Math 150	Email:	jill.nelipovich@imperial.edu
CRN #:	10064	Webpage (optional):	Canvas
Classroom:	Zoom Link – posted in Canvas	Office #:	Zoom link in Canvas
Class Dates:	8/16/21 – 12/11/21	Office Hours:	MW: 12:00 – 1:00 T/TR: 12:00 – 1:00 *Please text me for other appointment times. I am most always available, including weekends
Class Days:	MW	Office Phone #:	760-355-6297 *Cell # in Canvas
Class Times:	9:40 – 11:35	Emergency Contact:	Silvia Murray: 760-355-6201
Math 050 (Support course) Do what YOU need to do to be successful in Math 150.	<p>Online Only – Videos of review topics will be posted</p> <p>If you are not strong and/or confident in your algebra, you will want to sign up for the support course. It will also help students who wish to take Math 170</p> <p>I will have zoom sessions based on student availability</p>		
Units:	4	Class Format:	Online – zoom

Anticipated Class Schedule/Calendar

Exam 1 Window: 9/1 at 12:01 p.m. to 9/2 at 11:59 p.m

Exam 2 Window: 9/27 at 8:00 a.m to 9/28 at 11:59 p.m.

Exam 3 Window: 10/18 at 12:01 p.m. to 10/19 at 11:59 p.m.

Exam 4 Window: 11:15 at 12:01 p.m. to 11/16 at 11:59 p.m.

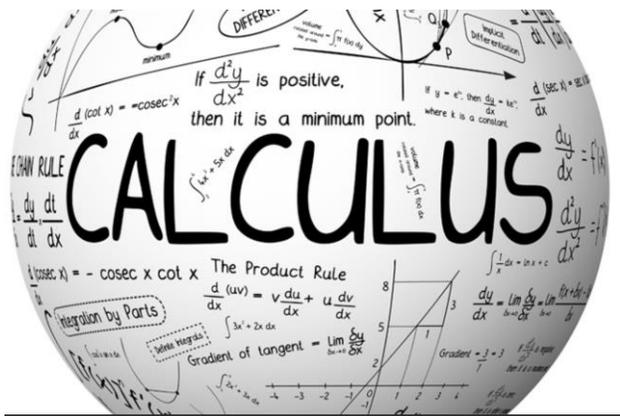
Final exam Window: 12/6 at 12:01 p.m. to 12/8 at 11:59 p.m.

You will have 2 hours, 15 minutes for each exam – including uploading all of the work!

Date or Week	Activity, Assignment, and/or Topic	Date or Week	Activity, Assignment, and/or Topic
8/16	Syllabus, Review	10/11	4.3
8/18	1.1, 1.2	10/13	4.4, 4.5
8/23	1.3,1.4	10/18	Review, Exam 3
8/25	1.5	10/20	5.1, 5.2
8/30	1.6, 1.7	10/25	5.3
9/1	Review, Exam 1	10/27	5.4, 5.5
9/6	2.1, 2.2	11/1	5.6
9/8	2.3	11/3	6.1, 6.2
9/13	2.4, 2.5	11/8	6.3
9/15	2.6, 2.7	11/10	6.4, 6.5
9/20	3.1, 3.2	11/15	Review, Exam 4
9/22	Review	11/17	7.1, 7.2
9/27	Exam 2	11/22	holiday
9/29	3.3, 3.4	11/24	holiday
10/4	3.5	11/29	7.3, 8.1
10/6	4.1, 4.2	12/1	8.2,8.3
		12/6	Review
		12/8	Final

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

Welcome Students 😊 The fall semester will be a new experience for all of us. First “assignment” in this class is to stay healthy and exercise frequently. Exercise creates a healthy immune system.



Remember all the algebra you learned so well? Well, we get to remember much of the algebra – and soon, you will learn why you learned it all 😊 - well in Math 170.

My job: To be available for you and to help you both learn and succeed in a remote environment.

What does success mean?

- Doing well in this course

AND

- Succeeding in the next course (Math 170 and business degrees!!)
- “Should I cheat since it is easy to cheat”
Only if you want to flunk out of the university since you did not learn how to think mathematically!

Course Format:

1. Zoom Class - Monday/Wednesday 9:40 – 11:35.
2. **Not attending zoom class will not affect your grade.**
3. Math 050 course is designed as the “what I need to review coming into the topics”! If you attend zoom sessions and watch the videos – you are good. The video quizzes will come directly from the videos. There will not be “homework” structured for the class, but rather for students individually.

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

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

Blitzer, R. 2017. College Algebra 6th. Pearson ISBN: 9780134469164.

Course Requirements and Instructional Methods

How will the class be structured in the online modality?

ONLINE COURSE STRUCTURE

1. Guided Lecture Notes: Chapter 6.1

2. Video Lectures

3. Zoom class (optional, but recommended - I will post the zoom class video)

4. Projects/Discussion Boards

5. Online Quizzes

6. Online Exams

- You will have a set of class notes that correspond to each chapter:
- Example - [Link to Chapter 6.1](#)
- The videos will mostly be between 10 – 15 minutes in length.
- Video Lecture Note Quizzes – these will either take place inside the videos or on canvas.
- “Homework” quizzes. I will not collect and grade homework. However, I will provide you with quizzes that are similar to your homework problems relatively frequently ☺

What will I have to do to be successful in an online learning environment?

- It will be imperative you keep up with the course and stay disciplined.
- Dedicate a time each day to watch videos and do homework. It is best if you break it up into multiple small intervals. This gives your brain some rest time.
- Attend our virtual “zoom” MW: 9:40 – 11:35 We usually stay on for 1 to 1.5 hours. These are not mandatory and will be recorded.
- 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

Quizzes.....	5%
Discussions/Projects....	5%
Exams (4) (Canvas).....	60%
Final Exam.....	25%

**** There are no make-up for exams.**

If you miss an exam, you will be provided a longer final to accommodate for the missing assessment. ONLY DOCUMENTED EXCUSED absences will be considered

Total100%

Course Policies

ATTEND CLASS

PAY ATTENTION WHEN IN CLASS

Keep up with the homework and quizzes

Self-motivation is a must!

Do your homework before the next class session. Attend office hours and/or text when you can make it

Be respectful of your classmates. Show up on time and ready to learn.

Have fun! Remember – this is your first class on the pathway to a B-STEM degree! Use the opportunity wisely 😊

Academic Integrity

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 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.

How do I show academic honesty and integrity in an online “classroom”?

- **KEEP YOUR PASSWORDS CONFIDENTIAL.**
 - You have a unique password to access online software like Canvas. Never allow someone else to log-in to your account.
- **COMPLETE YOUR OWN COURSEWORK.**
 - When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:

- Copying from others on a quiz, test, examination, or assignment;
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment;
- Having someone else take an exam or quiz for you;
- Conferring with others during a test or quiz (if the instructor didn’t explicitly say it was a group project, then he/she expects you to do the work without conferring with others);
- Buying or using a term paper or research paper from an internet source or other company or taking any work of another, even with permission, and presenting the work as your own;
- Excessive revising or editing by others that substantially alters your final work;
- Sharing information that allows other students an advantage on an exam (such as telling a peer what to expect on a make-up exam or prepping a student for a test in another section of the same class);
- Taking and using the words, work, or ideas of others and presenting any of these as your own work is plagiarism. This applies to all work generated by another, whether it be oral, written, or artistic work. Plagiarism may either be deliberate or unintentional.

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.