



IMPERIAL VALLEY COLLEGE

## Basic Course Information

Semester:	<b>Winter 2022</b>	Instructor Name:	<b>Jill Nelipovich</b>
Course Title & #:	<b>Intermediate Algebra</b>	Email:	<b>Jill.nelipovich@imperial.edu</b>
CRN #:	<b>15022</b>	Webpage (optional):	<a href="#"><b>Jill's Virtual Class</b></a>
Classroom:	<b>T/TR - 2721; MWF - Zoom</b>	Office #:	<b>2768</b>
Class Dates:	<b>1/3/22 – 2/3/22</b>	Office Hours:	<b>By Appointment</b>
Class Days:	<b>M-F</b>	Office Phone #:	<b>760-355-6297</b> <b>(see canvas for cell #)</b>
Class Times:	<b>8:05 – 11:55</b>	Emergency Contact:	<b>760-355-6201</b>
Units:	<b>5</b>	Class Format:	<b>Hybrid (in person/RT-OL)</b>

Welcome to Math 91! I am super happy that you have decided to enhance your mathematical learning! I look forward to working with you all this winter!

The zoom link for tomorrow: <https://cccconfer.zoom.us/j/92439087321>.

## 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) (Nontransferable, AA/AS degree only)

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

none

## Student Learning Outcomes

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

## 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 an understanding of quadratic functions, including graphing and equations.
4. demonstrate an understanding of functions and relations, including one to one functions.
5. demonstrate an 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

- *Required: MyMathlab: Registration instructions attached at top of the syllabus*
- *Optional (very optional): Blitzer, R. 2016. Developmental Mathematics 1. Pearson ISBN: 978-0134268330.*

## Course Requirements and Instructional Methods

What is your goal for the course? To finish and pass the course? To learn the material?

Learning the material is up to you! My job is to guide you and help support you to succeed. I am available most any time to help you. I often have student hours at 11:00 p.m. – when students are doing their homework.

I recommend you use every course you take as a learning opportunity. You do not want to be the student who graduates and then goes back to school because you “took the easy way out” and now learned that – wow! STEM degrees are great. Darn – I wish I would have learned my algebra better! Learn it well now and as opportunities present themselves, you will be prepared.

We will meet on zoom M, W and Friday. Class goes from 8:05 – 11:55 a.m. We will discuss the natural “breaks” and time for you to do work. We will not be lecturing the entire four hours; however, I will be available the entire four hours.

Tuesday and Thursday we meet on campus. If you are exhibiting any symptoms of any sickness, please stay home. It WILL NOT affect your grade. I will provide videos on the topics so you will not miss out on learning the material. I am also available for zoom student hours, by appointment (arrange via email or text). I recognize that the in-class interaction is far better for students and at the same time, we want to make sure that we continue on-campus learning. It is also great to have videos to watch on your own time for all students. I will share with you some experiences my former students are having in the job market – and what to expect 3 to 4 years from now as you are interviewing for internships and employment.

The homework will be completed on MyMathLab. Exams will be completed in Canvas. There will also be group quizzes on Tuesday and Thursday. If you miss class, you will be able to turn the quiz in by midnight on Tuesday and Thursday. The due dates may change – we will see how things are going in the class.

**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.



## Course Grading Based on Course Objectives

<i>Quizzes (Tues and Thursday).....225 points</i> <i>Homework (25 points per exam + final).....125 points</i> <i>Four Exams (125 points each).....500 points</i> <i>Final Exam .....150 points</i>	<i>Grading:</i> <i>900 – 1000 points.....A</i> <i>800 – 899 points.....B</i> <i>700 – 799 points .....C</i> <i>600 – 699 points.....D</i> <i>&lt; 600 points.....F</i>
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Attendance, class participation and the instructor’s subjective interpretation of work may be used in assigning a final grade to borderline cases

## Course Policies

- 1) Have fun! Learning is a great opportunity! I love to learn and I hope you do as well!

Always think of the 1%. Atomic Habits by James Clear’s wrote about this idea and when I practice the idea myself, I do make small strides. Lots of small strides equals a lot of improvement.

The gist is that if you can make a 1% difference every day, what will the long-term impact be? What is the long-term impact if you do not make 1% improvement everyday?

Be mindful of the feeling of “overwhelmness” (I’m in math, so I get to make up my own English, occasionally – don’t tell your English prof) – focus on a 1% improvement and eventually you will accomplish all 100% of what your desired goal!

- 2) Make every effort to keep up with each assignment. You may get a nasty gram from me if you are falling behind (a friendly reminder to complete your work).
- 3) There are no make-up tests without a documented reason. Exams will be given and released on Friday. We will review for as long as we need to review in the morning, and I will release the exam on Friday’s at 10:0 a.m. The exams will be due at 11:59 p.m. and you have 2 hours to complete each exam.
- 4) Ask questions as soon as you need help. I have many students send a picture of their homework problem and usually I am able to give a little hint immediately and if the problem requires more understanding, I am able to make appointments with students for student hours.
- 5) If you are unable to attend an in person class, it is your responsibility to make up the work you missed. This is a fast pace course (lots of cool material in 5 weeks). I recommend becoming a friend with someone who takes good notes. My notes are usually not as thorough.

## 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**

<b>Week 1</b>	
Monday, January 3	Introduction, 14.1, 14.2
Tuesday, January 4	14.2, 14.3
Wednesday, January 5	14.4, 15.1
Thursday, January 6	15.2, 15.3
Friday, January 7	Review, Exam 1
<b>Week 2</b>	
Monday, January 10	15.4, 16.1
Tuesday, January 11	16.2, 16.3
Wednesday, January 12	16.4, 16.5
Thursday, January 13	16.6, 16.7
Friday, January 14	Review, Exam 2
<b>Week 3</b>	
Monday, January 17	Holiday
Tuesday, January 18	17.1, 17.2
Wednesday, January 19	17.3, 17.4
Thursday, January 20	17.5, 18.1
Friday, January 21	Review, Exam 3
<b>Week 4</b>	
Monday, January 24	18.2, 18.3
Tuesday, January 25	18.4, 18.5
Wednesday, January 26	19.1, 19.2
Thursday, January 27	19.3, 19.4
Friday, January 28	Review, Exam 4
<b>Week 5</b>	
Monday, January 31	20.1, 20.2
Tuesday, February 1	20.3
Wednesday, February 2	Review
Thursday, February 3	Final Exam
Friday, February 4	No Class

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

## Student Registration Instructions

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### To register for **Intermediate Algebra**:

1. Go to <https://mlm.pearson.com/enrollment/nelipovich72143>

2. Sign in with your Pearson student account or create your account.

Instructors, use or create a Pearson student account to register as a student. Don't use your instructor account.

3. Select any available access option, if asked.

» Enter a prepaid access code that came with your textbook or from the bookstore.

» Buy instant access using a credit card or PayPal.

» Select **Get temporary access without payment for 14 days**.

4. Select **Go to my course**.

5. Select **Intermediate Algebra** from My Courses.

If you contact Pearson Support, give them the course ID: [nelipovich72143](#)

### To sign in later:

1. Go to <https://mlm.pearson.com>

2. Sign in with the same Pearson account you used before.

3. Select **Intermediate Algebra** from My Courses.