

### Basic Course Information

Semester:	<b>Fall 2017</b>	Instructor Name:	<b>Jill Nelipovich</b>
Course Title & #:	<b>Math 91</b>	Email:	<b>jill.nelipovich@imperial.edu</b>
CRN #:	<b>10099</b>	Webpage (optional):	<b><a href="#">Canvas</a></b>
Classroom:	<b>2728</b>	Office #:	<b>2768</b>
Class Dates:	<b>8/14/17 - 12/08/17</b>	Office Hours:	<b>Mon/Wed - 12:50 - 1:50 pm Wed - 5:00 - 5:30 pm *First Monday of each month, Monday office hours rescheduled to 5:00 - 6:00 Tues/Thur: 7:30 - 8 a.m. Thurs: 1 - 1:30 p.m. **Note - most tues I am also available 1:00 - 1:30</b>
Class Days:	<b>M/W</b>	Office Phone #:	<b>760-355-6297</b>
Class Times:	<b>10:15 - 12:45</b>	Emergency Contact:	<b>760-355-6155</b>
Units:	<b>5</b>		

### 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)

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

MATH 081 with a grade of "C" or better or  
Appropriate placement

### 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)

### Textbooks & Other Resources or Links

1. Optional – Textbook - Blitzer 2012. *Introductory & Intermediate Algebra for College Students* 4th. Pearson ISBN: 978-0321729385.
2. Required - Math XL  
Course ID: XL2R-61GG-401Z-8T52 (instructions for enrollment on last page of syllabus)

### Course Grading Based on Course Objectives

5 Exams - 125 points each.....	625 points
7 quizzes - 15 points each.....	105 points
7 homework - 10 points each.....	70 points
1 final exam - 200 points.....	200 points
<b>Total.....</b>	<b>1000 points</b>

#### Grade Distribution

$900 \leq A \leq 1000$ ;

$800 \leq B < 900$ ;

$700 \leq C < 800$

$600 \leq D < 700$

$0 \leq F < 600$

### 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.

$\pi \pi \pi$  Imperial Valley College [Math Lab](#). Use it 😊 Free tutoring!!!  $\pi \pi \pi$

### Anticipated Class Schedule/Calendar

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1 August 14-18	Mon – Introduction, MathXL, 8.1 Wed - 8.2, 8.3	8/18 Problem Set 8.1 – 8.3
Week 2 August 21-25	Mon - Quiz #1 - 8.1 – 8.2 8.4, 9.1 Wed – 9.2, 9.3	8/25 Problem Set 8.4, 9.1 – 9.3
Week 3 August 28 – Sep 1	Mon – Quiz #2 – 8.3, 8.4, 9.1 9.4 Wed – Quiz #3 – 9.2 – 9.3 Review	9/1 Problem Set 9.4
Week 4 Sept 4 – Sept 8	Mon – Holiday Wed – Exam I – Chapters 8 and 9	9/6 – HW Notebook Due – Chpt 8 and 9
Week 5 Sept 11 – Sept 15	Mon – 10.1, 10.2, 10.3 Wed – 10.3, 10.4, 10.5	9/15 – Problem Set 10.1 – 10.4
Week 6 Sept 18 - 22	Mon – Quiz #4 – 10.1 – 10.3 10.6, 10.7 Wed – Quiz #5 – 10.4 – 10.5 Review	9/22 Problem Set 10.5 – 10.7
Week 7 Sept 25 - 29	Mon – Catch up/ Review Wed – Exam II – Chapter 10	HW Notebook Due – Chpt 10
Week 8 Oct 2 - 6	Mon – 11.1, 11.2 Wed – 11.3, 11.4	10/6 Problem Set 11.1 – 11.4
Week 9 Oct 9 - 13	Mon – Quiz #6 – 11.1 and 11.2 11.5 Wed – Quiz #7 – 11.3 and 11.4 Review	10/13 Problem Set 11.5
Week 10 Oct 16 - 20	Mon – Exam III – Chapter 11 Wed – 12.1, 12.2	10/16 – HW Notebook Due Ch 11 10/20 Problem Set 12.1 – 12.2
Week 11 Oct 23 - 27	Mon – 12.3, 12.4 Wed – Quiz #8 – 12.1 and 12.2 12.5	10/27 Problem Set 12.3 – 12.5
Week 12 Oct 30 – Nov 3	Mon – Review Wed – Exam IV – Chapter 12	HW Notebook Due – Chpt 12
Week 13 Nov 6 - 10	Mon – 13.1, 13.2, 13.3 Wed – 13.3, 13.4, 13.5	11/10 – Problem Set 13.1 – 13.5
Week 14 Nov 13 - 17	Mon – Review Wed – Exam V – Chapter 13.1 – 13.5	HW Notebook Due Chpt 13
Break Nov 20 - 24		
Week 15 Nov 27 – Dec 1	Mon – 14.1, 14.2 Wed – 14.3	12/1 – Problem Set 14.1 – 14.3
Week 16 Dec 4 - 8	Mon – Final Review Wed – Final Exam	

\*\*\*Tentative, subject to change without prior notice\*\*\*