

### Basic Course Information

Semester:	<b>Spring 2018</b>	Instructor Name:	<b>Jill Kitzmiller</b>
Course Title & #:	<b>Math 150</b>	Email:	<b>jill.kitzmiller@imperial.edu</b>
CRN #:	<b>20131</b>	Office:	<b>2768</b>
Classroom:	<b>2728</b>	Office Hours:	<b>MW 11:05 – 12:10</b>
Class Dates:	<b>2/12/2018 – 6/7/2018</b>		<b>TTH 9:25 – 10:20</b>
Class Days:	<b>T Th</b>	Office Phone #:	<b>760-355-6296</b>
Class Times:	<b>10:20 – 12:25</b>	Emergency Contact:	<b>Ofelia Duarte – Staff Sec II</b>
Units:	<b>4</b>		<b>760-355-6155</b>

### Course Description

A continuation of the study of algebra. Attention will be paid to polynomial and rational functions, Exponential and Logarithmic functions, and Matrix Algebra. Additional topics include systems of equations, Linear Programming, and Analytic geometry. Letter grade only. (CSU) (UC credit limited. See a counselor)

### Course Prerequisite(s) and/or Co-requisite(s)

MATH 091 or MATH 090 with a minimum 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. Graph rational functions. (ILO2)
2. Solve a linear programming problem. (ILO1, ILO2)
3. Solve an application problem involving exponential growth or decay. (ILO1, ILO2, ILO4)
4. Perform vertical and horizontal transformations of a basic graph. (ILO2)

### Course Objectives

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

1. Solve Linear & Quadratic equations.
2. Graph Linear & Quadratic equations and use them to model real-world situations.
3. Recognize and graph conic sections
4. Solve equations involving Polynomial & Rational Functions.
5. Graph and model with Polynomial & Rational Functions.
6. Understand the theory of Exponential and Logarithmic functions.
7. Operate on Matrices.
8. Solve and model with Linear Systems of equations using matrix algebra.
9. Use Linear Programming in common business and science applications.
10. Solve non-linear systems of equations.

### Textbooks & Other Resources or Links

**MATHXL ACCESS CODE:** (required): Math XL is an online website where you will be doing all your assignments. Math XL includes access to the text book so **purchasing the text is not required**. If you decide to purchase or rent the book, the text is:

Blitzer (2014). *College Algebra* (6th/e). Boston, MA Pearson/PH. ISBN: 978-0-321-78228-1

**A handout with instructions on registering with Math Lab (or Math XL), as well as the necessary course ID number will be provided and is also posted on Canvas.**

### Contacting Instructor

I will be available during office hours for personal discussion. I endeavor to listen to voice-mail and look at email each day when I am on campus. I DO NOT look at email on the weekends (Friday- Sunday) or on holidays. I do not respond to email regarding absences, unless it is long term. I do not discuss grades over email, this must be done in person.

### Course Requirements and Instructional Methods

In class instructional method is lecture based with in class worksheets and practice problems that correspond to the material covered in lecture. Evaluation is based on in class examinations and out of class homework assignments.

This course moves rapidly covering the material equivalent to one year of math at the high school level, and meeting only twice per week. It is critical that you read ahead and ask questions. Avoid falling behind in the material, reading and homework. You cannot learn mathematics without doing the problems. If you fall behind it will be difficult to catch up. Stay organized, take good notes and read your notes after class.

If you are having difficulty with the material, get help. You can get help from me during office hours or in the math tutoring center. Work with others outside of class, form a study group if possible. You are responsible for all material in assigned chapters and all material covered in lecture, even if you are absent, so find someone in class to make you copies of the notes & materials if you cannot be in 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. WASC has adopted a similar requirement.

### Course Grading Based on Course Objectives

**EXAMS:** There will be three (3) in class exams (100 points each) and one comprehensive final examination (100 points). Exams are closed book/closed note and each student must work independently. Plan now to be in class on the date of the exams. **Make-up exams** must be arranged in advance in person or by email or will be considered a missing exam and you will receive a "0". **Note: The final exam is cumulative and mandatory for all students.**

**HOMEWORK:** There will be homework assigned for each chapter in the book. Homework will be done online. **It will be difficult to pass the class if you do not complete any homework!** You must purchase the access to the website and then you may use you own personal computer with internet access or use a computer in the Math Lab or Library to complete the assignments. There are 105 points

(15 points each of 7 chapters) assigned for homework. A score of 90% or greater is required for full credit on any assignment. Points are as follows: 90%+ = 15 points, 80-89% = 12 points, 70 – 79% = 9 points, 60 – 69% = 6 points, 50 – 59% = 3 points, below 50% = 0 points. Homework points are given for each chapter, not based on the overall percentage. **Homework grade will be given at the end of the course based on your completed work for each chapter.**

There will also be assignments given in class which can be extensions of the material in class, group work or work from the book to be turned in. These points will be included with the homework for a total of 110 points. Any points assigned over 110 will be considered extra credit.

To receive a passing grade of “C” or better, you must have 357 (70%) points or more based on:

Homework and assignments	110 points
Exams	300 points
<u>Final</u>	<u>100 points</u>
Total	510 points

Breakdown: 459 (90%) & up = A, 408 – 458 (80 - 89%) = B, 357 – 407 (70 - 79%) = C, 306 - 356 (60 - 69%) = D, below 306 (59% or less) = F.

Attendance, class participation and a subjective instructor’s interpretation of work may be used in assigning a final grade to borderline cases.

### Incomplete Grade

To receive a final grade of incomplete, you must be passing the class and be unable to take the final exam.

### 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.
- 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.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as ‘excused’ absences.

### 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.

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.

### **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 (!!!!)].

### **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.

### **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.

### **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..

### **Veteran's Center**

The mission of the [IVC Military and Veteran Success Center](#) is to provide a holistic approach to serving military/veteran students on three key areas: 1) Academics, 2) Health and Wellness, and 3) Camaraderie; to serve as a central hub that connects military/veteran students, as well as their families, to campus and community resources. Their goal is to ensure a seamless transition from military to civilian life. The Center is located in Building 600 (Office 624), telephone 760-355-6141.

### **Extended Opportunity Program and Services (EOPS)**

The Extended Opportunity Program and Services (EOPS) offers services such as priority registration, personal/academic counseling, tutoring, book vouchers, and community referrals to qualifying low-income students. EOPS is composed of a group of professionals ready to assist you with the resolution of both academic and personal issues. Our staff is set up to understand the problems of our culturally diverse population and strives to meet student needs that are as diverse as our student population.

Also under the umbrella of EOPS our CARE (Cooperative Agency Resources for Education) Program for single parents is specifically designed to provide support services and assist with the resolution of issues that are particular to this population. Students that are single parents receiving TANF/Cash Aid

assistance may qualify for our CARE program, for additional information on CARE please contact Lourdes Mercado, 760-355- 6448, [lourdes.mercado@imperial.edu](mailto:lourdes.mercado@imperial.edu).

EOPS provides additional support and services that may identify with one of the following experiences:

- Current and former foster youth students that were in the foster care system at any point in their lives
- Students experiencing homelessness
- Formerly incarcerated students

To apply for EOPS and for additional information on EOPS services, please contact Alexis Ayala, 760-355-5713, [alexis.ayala@imperial.edu](mailto:alexis.ayala@imperial.edu).

### **Student Equity Program**

- The Student Equity Program strives to improve Imperial Valley College’s success outcomes, particularly for students who have been historically underrepresented and underserved. The college identifies strategies to monitor and address equity issues, making efforts to mitigate any disproportionate impact on student success and achievement. Our institutional data provides insight surrounding student populations who historically, are not fully represented. Student Equity addresses disparities and/or disproportionate impact in student success across disaggregated student equity groups including gender, ethnicity, disability status, financial need, Veterans, foster youth, homelessness, and formerly incarcerated students. The Student Equity Program provides direct supportive services to empower students experiencing insecurities related to food, housing, transportation, textbooks, and shower access. We recognize that students who struggle meeting their basic needs are also at an academic and economic disadvantage, creating barriers to academic success and wellness. We strive to remove barriers that affect IVC students’ access to education, degree and certificate completion, successful completion of developmental math and English courses, and the ability to transfer to a university. Contact: 760.355.5736 or 760.355.5733 Building 100.
- The Student Equity Program also houses IVC’s Homeless Liaison, who provides direct services, campus, and community referrals to students experiencing homelessness as defined by the McKinney-Vento Act. Contact: 760.355.5736 Building 100.

### **Student Rights and Responsibilities**

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC [General Catalog](#).

### **Information Literacy**

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC [Library Department](#) provides numerous [Information Literacy Tutorials](#) to assist students in this endeavor.

**Anticipated Class Schedule/Calendar**

Monday	Tuesday	Wednesday	Thursday
2/12	2/13 Introduction /Coordinate Plane	2/14	2/15 1.2, 1.3
2/19 HOLIDAY	2/20 1.4, 1.5	2/21	2/22 1.6, 1.7
2/26	2/27 2.1, 2.2	2/28	3/1 2.3, 2.4
3/5	3/6 2.5, 2.6	3/7	3/8 2.7, review
3/12	3/13 Exam 1 (chapters 1 – 2)	3/14	3/15 3.1, 3.2
3/19	3/20 3.3, 3.4	3/21	3/22 3.5, 3.6
3/26	3/27 3.7	3/28	3/29 4.1, 4.2
4/2 HOLIDAY	4/3 HOLIDAY	4/4 HOLIDAY	4/5 HOLIDAY
4/9	4/10 4.3, 4.4	4/11	4/12 review
4/16	4/17 Exam 2 (chapters 3 – 4)	4/18	4/19 5.1, 5.2
4/23	4/24 5.2, 5.3	4/25	4/26 5.4, 5.5
4/30	5/1 5.6	5/2	5/3 6.1
5/7	5/8 6.2, 6.3	5/9	5/10 6.4
5/14	5/15 6.5	5/16	5/17 review
5/21	5/22 Exam 3 (chapters 5 – 6)	5/23	5/24 7.1, 7.2
5/28 HOLIDAY	5/29 7.3	5/30	5/31 Review for Final
6/4	6/5 FINAL	6/6	6/7

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



## How to Register and Enroll in Your Course

Welcome to MathXL! Your instructor has set up a MathXL course for you.

The course name is: Math 150 - Spring 2018

It is based on this textbook: *Blitzer: College Algebra, 6e*

To join this course, you need to register for MathXL and then enroll in the course.

### 1. Registering for MathXL

Before you begin, make sure you have the access code that comes with your MathXL Access Kit.

To register or buy access, go to [www.mathxl.com](http://www.mathxl.com), click the **Student** button in the Register section, and then follow the instructions on the screen.

### 2. Enrolling in your instructor's course

After registering, log in to MathXL with your username and password. To enroll in this course, enter the following Course ID:

**The Course ID for your course is: XL2W-41SE-1020-8522**

### Need more help?

To view a complete set of instructions on registering and enrolling, go to [www.mathxl.com](http://www.mathxl.com) and visit the Tours page.