Basic Course Information

Semester	**Spring 2017**	Instructor Name	**Mr. Voldman**
Course Title & #	**Math 091(Intermediate Algebra)**	Email	**alex.voldman@imperial.edu**
CRN #	**20102**	Webpage (optional)	
Room	**2723**	Office	**Room 2764**
Class Dates	**02/13/2017-6/9/2017**	Office Hours	**MW8:50-10:20, TTH 6:00-6:30**
Class Days	**TTH**	Office Phone #	**760-355-6299**
Class Times Units	**10:15-12:45** **5**	Office contact if student will be out or emergency	**760-355-6155, 760-355-6201**

Course Description

This course is a further study of the concepts of algebra. Topics covered include linear and quadratic equations, relations, functions and graphs, systems of equations, logarithmics and exponential functions, conic sections, and sequences and series.

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. Solve quadratic equations by factoring, completing the square, and quadratic formula. (ILO2)
2. Solve equations involving radicals. (ILO2)
3. Recognize and graph equations of conic sections. (ILO2)
4. Perform operations on functions algebraically. (ILO2)
5. Solve an application involving exponential functions. (ILO2, ILO5)

Course Objectives

Upon course completion, students will:

1. Demonstrate an understanding of radical expressions and equations.
2. Demonstrate an ability to solve applications, inequalities and absolute value inequalities.
3. Demonstrate and understanding of quadratic functions, including graphing and equations.
4. Demonstrate and understanding of functions and relations, including one to one functions.
5. Demonstrate and 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

- Blitzer (2012). *Introductory & Intermediate Algebra for College Students* (4th/e). Pearson. ISBN: 978-0321729385

Course Requirements and Instructional Methods

Homework

Online Assignments: You will need to log into www.mathxl.com; there, you will find the complete homework problems, along with videos and homework tutorial assignments. You will not need to buy the textbook. All you would need to purchase is the **access code** to the web site. Follow the instructions to register. 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, click the **Student** button in the Register section, and then follow the instructions on the screen.When completing the registration, they will ask you for the COURSE ID. The Course ID for your course is: **XL2M-710N-701Z-2T52** (**701Z** is Seven-Zero-One-Z)

Exams
Purpose: To review the material introduced in class and to evaluate your understanding of the material covered in the course. There will be no make-up exams given. Zeros will be given for all missed tests.

Classwork Assignments
Students are expected to check Canvas regularly for all activities. All classwork assignments are open-textbook or open-note. You may work independently or in groups of up to 3 students. If you are absent, you can download the assignment, complete your work and submit the appropriate activity before the deadline. To submit your work, scan or take a photo of each page and submit the attached file(s) in Canvas. **No assignment will be accepted and graded after the deadline date!**

Final Exam (comprehensive)

Office Hours
Your professor urges you to avail yourself for individual instruction during office hours. Do not wait until you are in trouble. If you have been absent or late to class, please read the lesson you missed and come to the office prepared with questions.

Canvas
This class will use Canvas for Announcements and Activities. Students will be expected to check Canvas regularly.

Course Grading Based on Course Objectives

Grade Distribution

Homework	Classwork Assignments	Exams	Final
140 points	190 points	500 points	100 points

Homework	**10%**
Assignments	**5%**
Exams	**60%**
Final	**25%**

Grading Scale:

90-100%	**A**	**80-89%**	**B**	**70-79%**	**C**	**60-69%**	**D**	**0-59%**	**F**

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. If you are 10 minutes late you will be marked absent. Do not make doctor, counseling, or any appointments during class time. Leaving during lecture will be considered an unexcused absence. If you have to leave anytime during class, other than established break times, you must inform your instructor.
- 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.
- 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.Disruptive and inconsiderate behavior will not be tolerated! Absolutely no talking during lecture unless you have questions! Respect your classmates and your instructor.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Academic Honesty

- Plagiarism is to take and present 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 correctly 'cite a source', 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, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question.

  Anyone caught cheating or 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 School 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) use of a commercial term paper service

Additional Help

- Me: Office Hours; just walk-in and get help.
- Study Guides: The bookstore has textbooks for sale
- Blackboard support center: http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543
- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program

- Library Services:There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

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 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 StudentHealth Fee.We now also have a fulltime mental health counselor. For information seehttp://www.imperial.edu/students/student-health-center/. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and dueprocess. For further information regarding student rights and responsibilities please refer to theIVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/

Anticipated Class Schedule / Calendar

The instructor will provide a tentative, provisional overview of the reading, assignments, tests, or other activity for the duration of the course. The faculty may find a table format useful for this purpose.

Date or Week	Activity, and/or Assignment	Material, and/or Topic
Week 1 2/14/17 2/16/17	 Chapter 8, Sections 8.1-8.2 Chapter 8, Sections 8.3-8.4	 General Functions Functions
Week 2 2/21/17 2/23/17	 Chapter 9, Sections 9.1-9.2 Chapter 9, Section 9.3-9.4	 Inequalities Compound Inequalities Absolute Value Inequalities
Week 3 2/26/17 3/2/17	 Review (Chapters 8-9) **Exam I**	
Week 4 3/7/17 3/9/17	 Chapter 10, Sections 10.1-10.3 Chapter 10, Sections 10.4-10.5	 Radicals Radicals
Week 5 3/14/17 3/16/17	 Chapter 10, Sections 10.6-10.7 Review (Chapter 10)	 Radical Equations Complex Numbers
Week 6		

3/21/17 3/23/17	**Exam II** Chapter 11, Section 11.1	 Quadratic Equations
Week 7 3/28/17 3/30/17	 Chapter 11, Section 11.2 Chapter 11, Section 11.3	 Quadratic Equations Quadratic Functions
Week 8 4/4/17 4/6/17	 Chapter 11, Section 11.4 Review (Chapter 11)	 Nonlinear Equations
Week 9 4/11/17 4/13/17	 **Exam III** Chapter 12, Sections 12.1-12.2	 Exponential Functions Logarithmic Functions
Week 10 4/25/17 4/27/17	 Chapter 12, Section 12.3 Chapter 12, Section 12.4	 Properties of Logarithms Logarithmic Equations
Week 11 5/2/17 5/4/17	 Chapter 12, Sections 12.3-12.4 Chapter 12, Section 12.5	 Logarithmic Equations Applications
Week 12 5/9/17 5/11/17	 Review (Chapter 12) **Exam IV**	 The Circle The Ellipse
Week 13 5/16/17 5/18/17	 Chapter 13, Section 13.1-13.2 Chapter 13, Sections 13.3&13.5	 The Hyperbola Nonlinear Systems
Week 14 5/23/17 5/25/17	Review (Chapter 13) **Exam V** Chapter 14, Section 14.1-14.2	 Sequences Arithmetic Sequences
11/21-11/26	**Thanksgiving Break**	
Week 15 5/30/17 6/1/17	 Chapter 14, Section 14.1-14.2 Chapter 14, Section 14.2-14.3	 Geometric Sequences
Week 16 6/6/17 6/8/17	 Final Review **Final Exam**	

Note: I reserve the right to change this schedule with notification to students

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 91 Spring 2017

It is based on this textbook: *Blitzer: Introductory & Intermediate Algebra for College Students, 4e*

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, 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: XL2M-710N-701Z-2T52

Need more help?

To view a complete set of instructions on registering and enrolling, go to www.mathxl.com and visit the Tours page.