Basic Course Information

Semester	**Fall 2014**	Instructor's Name	**Betsy Riehle**
Course Title & #	**Intermediate Algebra**	Instructor's Email	**betsy.riehle@imperial.edu**
CRN #	**10402**	Webpage (optional)	
Room	**2725**	Office (PT Faculty:809)	Rm. 2761
Class Dates	**August 19- December 11, 2014**	Office Hours (n/a for PT Faculty)	Tuesday & Thursday 10:15 – 11:35 a.m.
Class Days	**Tues./Thurs.**	Office Phone # (PT may use dept. number)	1-760-355-6521
Class Times	**7:30 – 10:00 a.m.**	Who students should contact if emergency or other absence	Contact instructor by phone or email.
Units	**5 units**		

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, logarithmic and exponential functions, conic sections, and sequences and series. (Nontransferable, AA/AS degree only)

Student Learning Outcomes

- Solve quadratic equations by factoring, completing the square, and using the quadratic formula.
- Solve equations involving radicals.
- Recognize and graph equations of conic sections
- Perform operations on functions algebraically.
- Solve an application involving exponential functions.

Course Objectives

Through various activities and assessments, students will:

1. Demonstrate an understanding of radical expressions and equations
2. Demonstrate an ability to solve systems of equations with applications, including both 2 and 3 variables.
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

1. **Introductory and Intermediate Algebra for College Students**, *4th edition*
   Author: Robert Blitzer

2. Math XL Access Code (this may be purchased with the text or separately . . . this will be for homework)

3. A 1″ ring binder

Course Requirements and Instructional Methods

This is a lecture class where concepts of Intermediate Algebra will be explained and practiced in the form of class work. Additional homework assignments completed outside of class will be required. These homework assignments will be accessed through Math XL

<u>Out of Class Assignments</u>: 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 <u>and</u> 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

Your semester grade will be based on an accumulation of points:

Tests - 100 points each	90% - 100%	A
(4 tests during the semester; see schedule for dates)	80% - 89%	B
	70% - 79%	C
Homework – 100 points (Math XL percentage)	60% - 69%	D
	0% - 59%	F

Class work – 75 points (maximum)

Notebook – 25 points (graded 3 times: 5,10,10 points)

Final Exam - 150 points
(December 11, comprehensive)

No Make-Up Tests will be given!! If you miss a test your score will be recorded as a zero.
(Possibility of rescheduling a **test** with at least one class meeting advanced notice. One Test score may be replaced with your class work points at the end of the semester)

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.

Classroom Etiquette

Required Information --Discretionary language
This is where an instructor explains his/her policy on these matters. Here is some suggested language:

Electronic Devices: Cell Phone ringers must be turned off while in the classroom
This rule will be strictly enforced during tests!!!
No Texting During Class.
Electrical outlets in the classroom **may not** be used for charging.

Food and Drink   Food and drinks 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.
 (be respectful of other students . . . do not use disrespectful or offensive language)

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

Required Language
- 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 – Discretionary Section and Language

The instructor can add the information pertinent to his or her class here. Some suggested language:

- *Accessing Blackboard***:** http://www.imperial.blackboard.com
  Use the first part of your IVC Email Address in the username field.
  For the password field use your WebSTAR/Student Portal PIN

- Tutoring is available in the Math Lab or Learning Center (Library)

- 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. If you feel you need to be evaluated for educational accommodations, the DSP&S office is located in Building 2100, telephone 760-355-6313.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see http://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 due process. For further information regarding student rights and responsibilities please refer to the IVC 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

Intermediate Algebra/Math 91
Fall, 2014
Schedule/Assignments **

Instruction Dates	Reading/Homework (Math XL) Assignment No Homework will be accepted after Due Date/Test Day
August 19 August 21	Introduction/Review Review
August 26 August 28	Sec. 8.1 and 8.2 Sec. 8.3 and 8.4
September 2 September 4	Sec. 9.1 and 9.2 Sec. 9.3 and 9.4
September 9 September 11	Sec. 10.1 **Test 1 /Chapters 8 & 9**
September 16 September 18	Sec. 10.2 and 10.3 Sec. 10.3 and 10.4
Instruction Dates	**Reading/Homework (Math XL) Assignment**
September 23 September 25	Sec. 10.5 Sec. 10.6

September 30 October 2	Sec. 10.7 Sec. 11.1
October 7 October 9	Sec. 11.2 **Test 2/Chapter 10**
October 14 October 16	Sec. 11.3 Sec. 11.4
October 21 October 23	Sec. 11.5 Sec. 12.1 and 12.2
October 28 October 30	Sec. 12.3 and 12.4 Sec. 12.5
Instruction Dates	**Reading/Homework (Math XL) Assignment**
November 4 November 6	Sec. 13.1 and 13.2 **Test 3/ Chapters 11 & 12**

November 11 November 14	**Veteran's Day . . . No Class** Sec. 13.3 and 13.4
November 18 November 20	Sec. 13.5 Sec. 14.1 and 14.2
November 24-28	**Thanksgiving Break (No Classes)**
December 2 December 4	Sec. 14.3 **Test 4/ Chapter 13 & 14**
December 9 **December 11**	Review **Final Exam** This Exam is comprehensive

* I reserve the right to change this schedule with notification to students