

Imperial Valley College Course Syllabus – Course Title and number

Basic Course Information

Semester	S 2014	Instructor Name	Barbara Nilson
Course Title & #	MA91 Intermediate Algebra	Email	bnilson@imperial.edu
CRN #	20125	Webpage (optional)	
Room	2722	Office	2762
Class Dates	1/21/14 – 5/15/14	Office Hours	M 10:00-11:00 T 9:30-10:00 W 10:00-11:00 W 5:20-6:20 R 9:30-10:00
Class Days	TR	Office Phone #	760-355-6477
Class Times	1015-1245	Office contact if student will be out or emergency	Ofelia Duarte – Staff Sec II 760-355-6155
Units	5 units		

Important Dates

Last Date to Add:	02/01/2014
Last Date to withdraw with "W":	04/12/2014
Final Exam:	05/15/2014
IVC holidays (campus closed):	02/14-17/2014
Spring Break:	04/21-26/2014

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)

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

MEASURABLE COURSE OBJECTIVES AND MINIMUM STANDARDS FOR GRADE OF "C":

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 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

- Angel, A. (2010). *Elementary and Intermediate Algebra for College Students* (4th/e). Prentice Hall.
- Bittinger, M. (2013). *Elementary and Intermediate Algebra: Concepts & Applications* (6th/e). Addison-Wesley. ISBN: 978-0321848741
- Martin-Gay, E. (2012). *Beginning & Intermediate Algebra* (5th/e). Pearson. ISBN: 978-0321729361
- Blitzer (2012). *Introductory & Intermediate Algebra for College Students* (4th/e). Pearson. ISBN: 978-0321729385

Course Requirements and Instructional Methods

Homework is online at www.mathxl.com. You must purchase or already own access to the site. This site can be accessed from any computer that has internet. You may want to do HW at the Math Lab – bldg. 2500 – on the west side of the Gymnasium. There may be a few assignments that are assigned to turn in on paper.

1. Registering for MathXL

Before you begin, make sure you have the access code that comes with your MathXL Access Kit. If you don't have an access kit, you can buy the code online by clicking **Buy Now** at www.mathxl.com. To register, go to the www.mathxl.com for MathXL click the **Register** button, 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:

Course name S14 Nilson MA91

Course ID [XL1G-D1IP-501Z-1T52](#)

Book Blitzer: Introductory & Intermediate Algebra for College Students, 4e

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

HOMEWORK: Purchase an access code from the bookstore or online www.mathxl.com

There will also be some class room assignments and activities.

EXAMS: There will be six (6) chapter exams worth 50 points each. Dates are displayed on the schedule. There is no makeup of exams without prior approval from me.

GRADING: Standard scale – 90% – 100% = A, 80% - 89% = B, 70% - 79% = C, 60% - 69% = D, below 60% = F.

Planned elements: (approximate point values and percentages for points to be assigned)

MathXL Homework – Ch8-Ch14	300	37.5%	
6 Exams	300	37.5%	Final Percentage Grade = <u>points earned</u>
Final Comprehensive Exam	200	25%	<u>points assigned</u>

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

- Bottled water with leak-proof lids/caps is the only food or drink allowed in the room. (Styrofoam cups with lids are prohibited.)
- Cell phones or other electronic communication devices can only be used for appropriate math purposes. They may not be used during an exam. Texting or using your cell phone for calls during class can be grounds for dismissal from class.
- Disruption of other students will result in a reprimand or expulsions from the class for that day. A second offense can result in administrative discipline.
- Disruption in my class is defined as behavior that interferes with another student's ability to learn or is distracting to myself or others. Some examples are: talking with other students during lecture, ringing phones, texting, reading non-math materials such as magazines, watching and/or playing videos or games on an electronic device, cleaning out your backpack...
- Use only non-transmitting calculators during exams (i.e. no cell phones or other transmittal devices).
- Quality work is expected. If a student meets the stated requirements for an assignment, but does it in a minimal fashion, the maximum grade for the product will be points valued at "C". To earn points valued at "B" or "A" there must be reasonable quality in the work.
- Multiple infractions of my policies can result in a lowering of your grade by 1 letter.

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

- 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 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/>

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B Nilson S2014 MA91 (CRN 20125) – Anticipated Class Schedule / Calendar

Week	Week Beginning	Lectures/Readings	Exams	Holidays
1	1/20/2014	Sections 8.1, 8.2 Sections 8.3, 8.4		
2	1/27/2014	Sections 8.4, 9.1 Sections 9.2	Exam Ch 8	
3	2/3/2014	Sections 9.2, 9.3 Sections 9.3, 9.4		
4	2/10/2014	Sections 10.1, 10.2 Sections 10.3	Exam Ch 9	<i>Lincoln 2/14-15</i>
5	2/17/2014	Sections 10.3, 10.4 Sections 10.4, 10.5		<i>Presidents' 2/17</i>
6	2/24/2014	Sections 10.5, 10.6 Sections 10.6, 10.7		
7	3/3/2014	Sections 10.7, 11.1 Sections 11.2	Exam Ch 10	
8	3/10/2014	Sections 11.2, 11.3 Sections 11.3, 11.4		
9	3/17/2014	Sections 11.5, 12.1 Sections 12.2	Exam Ch 11	
10	3/24/2014	Sections 12.2, 12.3 Sections 12.3, 12.4		
11	3/31/2014	Sections 12.5, 13.1 Sections 13.2	Exam Ch 12	
12	4/7/2014	Sections 13.3, 13.4 Sections 4.1-4.3	Exam Ch 13	
13	4/14/2014	Sections 4.4, 13.5, 14.1		<i>Spring Break 4/21-26</i>
14	4/28/2014	Sections 14.2, 14.3 Sections 14.3, 14.4		
15	5/5/2014	Review Review		
16	5/12/2014 5/15/2014	Review	Final Exam	