

## Math 91 (CRN 30030) – Intermediate Algebra – Summer 2013

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**Text:** Introductory and Intermediate Algebra for College Students, 4th ed., Blitzer

**Homework:** MathXL (purchase access code from bookstore or online @[www.mathxl.com](http://www.mathxl.com))

**Last day to Withdraw with a W:** June 12, 2013

**Final Exam:** Thursday, June 20, 2013

**PREREQUISITES:** MA 081 with a minimum grade of C or better or MATH 080 with a minimum grade of C or better or appropriate placement.

**CATALOG 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.

### **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 systems of applications, including systems with three equations and three 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.

### **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)

**HOMEWORK:** Purchase an access code from the bookstore or online [www.mathxl.com](http://www.mathxl.com)

There will also be some class room assignments and activities.

**EXAMS:** There will be 5 chapter exams (50pts each) and a comprehensive final (200pts). Dates are displayed on the schedule. There is no makeup of exams without prior approval from me. Ch10 and Ch12 will be Take-Home Exams. You may turn in corrections on your exams (except for the 2 Take-Home exams) for 2 points each. The corrections must be on a separate paper, show all the work, and attach your original exam.

**GRADING:** Standard scale - 90% = A, 80% = B, 70% = C, 60% = D, below 60% = F. Planned elements:

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

MathXL Homework	300	37.5%	Final Grade = $\frac{\text{points earned}}{\text{points assigned}}$
Exams	300	37.5%	
Final	200	25%	

**ATTENDANCE** is expected. I can drop you after missing a total of 5 credit hours (1.5 days).

## IVC POLICIES

- Under IVC policy, students are expected to attend every session of class in which they are enrolled. If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. I will not drop you from the course. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade. **The last day to withdraw from this course with a "W" is Wednesday, June 12, 2013.**
- 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 Room 2117, in the Health Sciences Building. Their phone number is (760) 355-6312.
- 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.
- Cheating is not tolerated and will result in discipline from the administration.
- Bottled water is the only food or drink allowed in the room.

## MY POLICIES

- Cell phones or other electronic communication devices can only be used for appropriate math purposes. They may never be used during an exam. Texting or using your cell phone for calls during class can be grounds for dismissal from class.
- 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, physical display (even if they are not heard)...
- 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.

## MathXL® How to Register and Enroll in Your Course

Nilson - Summer 2013 - Math 91

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

The Course ID for your course is: **XL17-W1BL-701Z-5T52**

### 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: XL17-W1BL-701Z-5T52**

### 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.

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Day	Date	Lectures/Readings/Exams
1	5/20/2013	Sections 8.1, 8.2, 8.3
2	5/21/2013	Sections 8.4, 9.1, Review Ch8
3	5/22/2013	<b>Exam Ch8</b> , Sections 9.2, 9.3
4	5/23/2013	Sections 9.4, 10.1, 10.2
5	5/24/2013	Sections 10.3, 10.4
	5/27/2013	Memorial Day
6	5/28/2013	<b>Exam Ch9</b> , Sections 10.5, 10.6
7	5/29/2013	Sections 10.7, 11.1, <b>Take Home Exam Ch10</b>
8	5/30/2013	Sections 11.2, 11.3
9	5/31/2013	<b>Take Home Ch10 Due</b> , 11.4, Practice Equations and Graphs
10	6/3/2013	Sections 11.5, 12.1
11	6/4/2013	Sections 11.2, 11.3, Review Ch11
12	6/5/2013	<b>Exam Ch11</b> , Sections 12.3, 12.4
13	6/6/2013	Sections 12.5, <b>Take-Home Exam Ch12</b>
14	6/7/2013	Sections 13.1, 13.2
15	6/10/2013	<b>Take-Home Ex Ch12 Due</b> , Sections 13.3
16	6/11/2013	Sections 13.4, 4.1
17	6/12/2013	Sections 4.2, 4.3, 4.4
18	6/13/2013	Sections 4.5, 13.5
19	6/14/2013	<b>Exam Ch4 and Ch13</b>
20	6/17/2013	Sections 14.1, 14.2, 14.3
21	6/18/2013	Review
22	6/19/2013	Review
23	6/20/2013	<b>Final Exam</b>