Math 91(CRN 20204) – Intermediate Algebra – Spring 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)
Last day to Withdraw with a W: April 13, 2013
Final Exam: Thursday, May 9, 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 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.

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
There will also be some class room assignments and activities.

QUIZZES: There will be occasional short quizzes – either from the previous lecture or the required reading. These are usually bonus points.

EXAMS: There will be 6 exams (50 points each) and a comprehensive final (200 pts). Dates are displayed on the schedule. There is no makeup of exams without prior approval from me.

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%	
Exams	300	37.5%	Final Grade = points earned
Final	200	25%	points assigned

ATTENDANCE is expected. I can drop you after missing a total of 5 credit hours.

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 April 13, 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 not 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…
- 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

Welcome to MathXL! Your instructor has set up a MathXL course for you.
The course name is**: M91 S13 Nilson**
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. 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:

The Course ID for your course is: XL14-K1XG-201Z-7T52

Need more help?

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

SCHEDULE (MAY BE SUBJECT TO CHANGE)

Week	Date	Lectures/Readings/Exams
1	1/14/2013	Sections 8.1, 8.2
		Sections 8.3, 8.4
2	1/21/2013	Sections 8.4, 9.1 Monday Holiday
		Sections 9.2 **Exam Ch 8**
3	1/28/2013	Sections 9.2, 9.3
		Sections 9.3, 9.4
4	2/4/2013	Sections 10.1, 10.2 Friday Holiday
		Sections 10.3 **Exam Ch 9**
5	2/11/2013	Sections 10.3, 10.4
		Sections 10.4, 10.5
6	2/18/2013	Sections 10.5, 10.6 Monday Holiday
		Sections 10.6, 10.7
7	2/25/2013	Sections 10.7, 11.1
		Sections 11.2 **Exam Ch 10**
8	3/4/2013	Sections 11.2, 11.3
		Sections 11.3, 11.4
9	3/11/2013	Sections 11.5, 12.1
		Sections 12.2 **Exam Ch 11**
10	3/18/2013	Sections 12.2, 12.3
		Sections 12.3, 12.4
11	3/25/2013	Sections 12.5, 13.1
		Exam Ch 12
		Spring Break
12	4/8/2013	Sections 13.1, 13.2
		Sections 13.3, 13.4
13	4/15/2013	Sections 13.5, 14.1
		Sections 14.1 **Exam Ch 13**
14	4/22/2013	Sections 14.2, 14.3
		Sections 14.3, 14.4
15	4/29/2013	Review
		Review
16	5/6/2013	Review
		Final Exam