

NORTHEASTERN ILLINOIS UNIVERSITY

MATH 092: INTERMEDIATE ALGEBRA SATURDAY FACULTY SYLLABUS FALL 2009

Instructor : Luis Velazquez

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Office Hours: Saturday 10:30 a.m.

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Section / MML Course Name: velazquez23771

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*Textbook Sections, Reference Problems, and Test Dates*

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<i>Unit One</i>	<i>Linear Equations and Inequalities</i>
1 Aug 31	2.1(13-55), 2.3(1-23), 2.4(1-31), 2.5(13,15, 25, 27, 31, 41)
2 Sept 5	2.6(1-17), 3.1(Read) 3.2(55-67), 3.3(13-33, 73, 75), 3.4(1-17,25-57)
3 Sept 12	3.5(1-5, 13-29, 41-45), 3.7(1-11 23-27), Test Review
4 Sept 19	<b>Test One: Linear Equations and Inequalities</b>

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<i>Unit Two</i>	<i>Systems of Linear Equations, Exponents, and Polynomials</i>
4 Sept 19	4.1(15, 17, 23, 25, 29, 31, 35, 41), 4.3(7, 11, 17)
5 Sept 26.	5.1(1-81, 93-101), 5.2(1-55), 5.3(19, 21, 23, 37-65)
6 Oct 3	5.4(1-11; 17-33), 5.9-79), 6.4(1-15), Test Review
	<b>Test Two: Linear Systems, Exponents, &amp; Polynomials</b>

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Registration for Spring 2010 College Level Mathematics Classes

Freshman Students, who are currently enrolled in Math 092, need to schedule an appointment with your academic advisor after Test Two to plan your spring 2010 class schedule. Continuing students, who are currently enrolled in Math 092, Intermediate Algebra, can register directly online via NEIUPORT for spring 2010 college level mathematics classes. If you do not complete Math 092 with a grade of "C" or higher, you will be dropped from your spring mathematics class before classes begin.

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**NORTHEASTERN ILLINOIS UNIVERSITY**

*Math 092: Intermediate Algebra*

*SATURDAY Faculty Syllabus*

*Fall 2009*

*Textbook Sections, Reference Problems, and Test Dates*

<b>Unit Three</b>		<b>Factoring Polynomials, Rational Expressions, &amp; Rational Equations</b>
7	Oct 10	5.5(1-65), 5.6(15-33), 5.7(1-27)
8	Oct 17	5.8(1-19, 29-39), 6.1(13-55), 6.2(1-9, 23-41, 47-55)
9	Oct 24	6.5(1-15, 23-27), 6.6(1-17, 27, 29, 37, 53), Test Review
10	Oct 31	<b>Test Three Factoring Polynomials, Rational Expressions &amp; Equations</b>
<b>Unit Four</b>		<b>Radical Expressions, Rational Powers, Radical Equations, Exponential Equations &amp; the Definition of a Logarithm</b>
10	Oct 31	7.1(1-17), 7.3(1,7,9,13,15,25,27,31,35,37,39,45,47,53,55,59,65), 7.4(1,3,5,9,11,15,17,19,21,25,27,39,47-65)
11	Nov 7	7.2(1-59, 73-83), 7.6(1-17, 23-33)
12	Nov 14	9.3(21-35), 9.4(1-27), Test Review
13	Nov 21	<b>Test Four: Radical Expressions, Rational Powers, Radical Equations, Exponential Equations, and the Definition of a Logarithm</b>
<b>Unit Five</b>		<b>Complex Numbers, Quadratic Equations, Graphs of Quadratic Functions, Logarithmic Equations and Properties</b>
13		7.7(1-71, 99-109)
		<b>Thanksgiving Holiday, November 26<sup>th</sup> thru November 29<sup>th</sup>.</b>
14		8.1(11-25), 8.2(1-35), Review of Quadratic Equations
16		8.6(1-51), 9.4(45-67), 9.5(1-33)
15		Test Review
		<b>Test Five: Complex Numbers, Quadratic Equations, Graphs of Quadratic Functions, Logarithmic Equations &amp; Properties</b>
		<i>(see final exam schedule for date, day, time)</i>

**COURSE EVALUATION: GRADING**

*There will be six unit grades: five unit grades and the online homework unit average. In order to earn online homework credit, the homework notebook must be submitted on each test date documenting step by step solutions that have been scored online. A maximum of 20 points will be allowed for each unit. Unit grades will total 100 points and include classroom tests, quizzes, and other assignments. The final grade will be the average of these scores with no test score dropped. The grading scale is:*

$$100-90 = A, \quad 89-80 = B, \quad 79-70 = C, \quad 69-65 = D, \quad 64-0 = F.$$

*If a student knows that he/she is going to miss an exam, the instructor must be notified in writing at least one week prior to the test date and request an alternate date which must be before the scheduled date and must be acceptable to the instructor. A student must notify the instructor by e-mail within 24 hours of a missed exam in order to receive consideration for an excused absence. The student must document in writing the reason for the test absence. Failure to provide documentation will be recorded as a test grade of zero for that unit. There are no make-up tests. If an excused absence is granted by the instructor, the fifth exam during the final schedule will replace the missing test score. If a student misses two exams, a withdrawal from class is recommended.*

*If a student writes all five unit tests, the fifth test score scheduled during the final exam period will replace the lowest unit scores, if the fifth score is higher. The online homework unit grade is not replaceable. Incompletes are only given for serious reasons and requests must be documented. A student must be passing with an average grade of 70 or more to receive consideration for an incomplete.*

**GETTING HELP**

*The Math Lab is located on the Fourth Floor of the Library. Michael Martindale is the Lab Supervisor: e-mail: [m-martindale@neiu.edu](mailto:m-martindale@neiu.edu), telephone: 773-442-5769. The Lab offers tutoring, instructional software, and math web sites. Thomas Blackburn is the Math Development Coordinator: Science, S 204 E. e-mail: [t-blackburn1@neiu.edu](mailto:t-blackburn1@neiu.edu), telephone: 773-442-5766.*

**WITHDRAWAL FROM CLASS**

*Students are responsible for knowing their current test average and if below 70 at Mid-Term should consider withdrawal from the class. See your Instructor and your Academic Advisor for further information prior to the Withdrawal Date. Only students can withdraw from class by NEIUPORT Registration.*

**CLASS REQUIREMENTS & MANAGEMENT**

***Student are expected to be on time and prepared for each class. Class attendance is required.** Two Final Grade Points will be deducted for each unexcused absence after the fourth absence. A tardy is considered an absence. Students are not allowed to leave during class without the permission of the instructor except for emergencies and must provide an explanation at the end of class or they will be marked absent. The accumulation of twelve absences determines a grade of "F" regardless of the grade record. Cell phones and other electronic media are to be turned off during class and not on the desk top. Students are encouraged to request a conference with the instructor in regard to any aspect of the course. Students are required to have Student ID's with them on test days. Visitors are not allowed in class. The Instructor reserves the right to assign seats and limit food or drink.*

Revised 8-17-09/TJB

**NORTHEASTERN ILLINOIS UNIVERSITY**  
**Developmental Mathematics Program**

**GETTING STARTED WITH MY MATH LAB**

*My Math Lab is an excellent learning environment and is required in your math development class. Your homework is on line. The **STUDENT ACCESS KIT** is available in the bookstore and can also be purchased on line at [www.coursecompass.com](http://www.coursecompass.com).*

Log onto: [www.coursecompass.com](http://www.coursecompass.com)

*This is where you can login / purchase an access kit with a credit card as well as find your course site. Your instructor will give you your my math lab course number for each class. Write it down.*

MML Course Name: velazquez 23771

***Navigating Your Course Site***

*Note the Buttons on the Left Side.*

***HOMEWORK***

*This where you will find your on line homework.*

***MULTIMEDIA LIBRARY***

*Your on-line textbook and multi-media are here.*

***Printing Your Homework***

*Open your Homework Assignment and go "PRINT" on the right of the first problem. Select second option of printing the entire homework. Press "Save". You can now log out and work out problems in your homework notebook. Log back in to enter and check answers. If you are having trouble accessing the website, Contact Pearson-Addison PRODUCT SUPPORT AT 800-677-6337.*

*Local issues at NEIU, please e-mail Thomas Blackburn, Developmental Mathematics Coordinator, [t-blackburn1@neiu.edu](mailto:t-blackburn1@neiu.edu). Have a great semester.*

***Getting Help on Campus***

*The Math Lab staff have been trained to help you get started with My Math Lab. NEIU's Math Lab is located in the Learning Center, 4<sup>th</sup> Floor of the Library. Michael Martindale is the Math Lab Supervisor. His e-mail is [m-martindale@neiu.edu](mailto:m-martindale@neiu.edu)*

NORTHEASTERN ILLINOIS UNIVERSITY  
Developmental Mathematics Program  
INSTRUCTIONS AND REQUIREMENTS

FOR NOTEBOOKS, IN CLASS ASSIGNMENTS, AND

ONLINE HOMEWORK

*Two separately bound spiral bound notebooks are required for your math course. One is for class assignments and the other is for complete solutions to online homework problems. All work should be done in pencil. Two 200 page notebooks should do fine for the semester.*

ONLINE HOMEWORK MUST BE COMPLETED AND ENTERED BY DUE DATES.  
THERE WILL NO EXTENSIONS

ORGANIZING YOUR CLASS NOTEBOOK

- *Your instructor will provide you with “topic headers” for each class. Begin them on a new sheet of paper in your notebook.*
- *Watch for vocabulary and underlying ideas. Give yourself lots of room. Use a ruler to underline and highlight key ideas, examples, and problems. Organize in a clear and coherent manner.*
- *In class assignments are to be worked out in your class notebook. Start these on a new page with a header indicating topic. Complete solutions must be shown. Check your answers.*

DOING ONLINE HOMEWORK

PRINTED ONLINE PROBLEMS ARE TO BE ORGANIZED BY WEEK IN YOUR  
HOMEWORK NOTEBOOK

- *Problems are to be copied and worked out in your homework notebook.*
- *Enter and check your solutions online to record your score.*
- *Questions needing only response, ie. vocabulary use, reading a graph, do not need to be copied to your homework notebook, show answers for all problems on the print out which serves as your textbook.*
- *Insert your weekly homework “problem print out” in your homework notebook at the start of each set of your solutions. Begin each week’s homework on a new page in your homework notebook.*