



Mathematics Northeast College

Math 0308: Fundamental Mathematics II

CRN: 53149 – Fall 2011

Northline| 7:00 -9:00 a.m. | Tues./ Thurs.

3 hour lecture course +1hour lab / 64 hours per semester/ 16 weeks

Textbook: Prealgebra and Introductory Algebra (3rd Ed) by Bittinger, Ellenbogen, Beecher and Johnson

ISBN-13: 9780321731715

MyMathLab Course ID: deherrera74349

Instructor: Noemi DeHerrera

Instructor Contact Information:

e-mail: noemi.deherrera@hccs.edu; e-mail is preferred

Office: 713-718-2439

Course Description:

Fundamentals of Mathematics II: Topics include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations and rational expressions. A departmental final examination must be passed with a score of 60% or more in order to pass the course. Prerequisite: MATH 0306 or equivalent test score.

Prerequisites: SAT: 450-499; ASSET: Numerical Skills Raw Score: 19+; Scaled Score 42+; ASSET Elementary Algebra Raw Score 0-13; Scaled Score: 23-44; Math 0306: Pass with “C” or better

Course Goal: This course is intended for students who have either never been exposed to algebra or who have been away from the subject for quite some time. Particularly, this course is intended to prepare students for the study of Intermediate Algebra.

Course Student Learning Outcomes (SLO):

1. Identify and apply properties of real numbers, and perform accurate arithmetic operations with numbers in various formats and number systems.
2. Demonstrate the ability to manipulate/simplify algebraic expressions, & classify/solve algebraic equations with appropriate techniques.
3. Demonstrate the use of elementary graphing techniques.
4. Apply basic geometric theorems and formulas to rectangles, squares, parallelograms, triangles, trapezoids, circles, and angles.

Learning objectives

Students will:

- 1.1 add, subtract, multiply and divide real numbers and manipulate certain expressions.
- 1.2 solve problems using scientific notation.
- 1.3 find square roots of perfect square numbers
- 2.1 solve problems using equations and inequalities.
- 2.2 factor polynomials using the techniques of the greatest common factor, grouping, difference of two squares and special trinomials.
- 2.3 multiply and divide, and simplify rational expressions
- 3.1 plot ordered pairs and graph linear equations.
- 4.1 find the perimeter and area of rectangles, squares, parallelograms, triangles, trapezoids and circles; volume and surface area, relations between angle measures, congruent and similar triangles, and properties of parallelograms.

CALENDAR

Task	Dates	Location
Homework 1 Test 1	August 29 thru September 21 September 22	MyMath Lab In Class
Homework 2 Test 2	September 26 thru Oct. 19 October 20	MyMath Lab In Class
Homework 3 Test 3	Oct. 24 thru Nov. 28 November 29	MyMath Lab In Class
Final Exam Review		LearningWeb
Final Exam	December 13	In Class

Homework:

Option 1: On line

You will have 3 un-timed homework assignments. You will be allowed to re-do each homework assignment on the coursecompass web-site an unlimited amount of times. That means you *should* be getting a 100% on all three homework assignments (just put in the time and some effort).

*You must register for MyMath Lab through [www.http://pearsonmylabandmastering.com/?cc](http://pearsonmylabandmastering.com/?cc). **The last day to register is September 15, 2011 to register.** If you do not register by September 15, 2011 you will be locked out and will no longer be able to register and will not pass the course. All homework must be done by the due date and time. **NO EXEMPTIONS!!***

Course id: deherrera74349

School zip: 77022

School name: HCC-Northline

Any technical (internet connections, computer issues, browser issues, or other) or personal issues (medical issues, family issues, financial issues, or other) that you may have are your responsibility and you will not be given more time or another chance to complete any homework or test.

Option 2: Workbook

You will turn-in homework every day before the beginning of lecture. The first homework assignment is due on the second day of class. If you are absent or decide to turn-in your homework at the end of class, I will not accept that homework assignment. It is your responsibility to ask the instructor at the end of each lecture which homework sections are due next class time. You should submit the page torn off from the work book and show all of your work along with your answer for each question. All the questions should be answered for each section submitted, even the questions that were not discussed in lecture.

In order for me to accept any homework, assignment, other class work or test you must read, sign and dated the contract on the last page of the syllabus. The signed and dated contract must be submitted to your instructor no later than September 15, 2011 9:00 a.m. If you lose this syllabus and/ or want an additional copy you can access one by going to my webpage in the Learning Web.

If you do not have a computer or access to the internet, all of the HCC campuses offer computer and internet service to their students at no additional cost. The Northline campus offers a computer lab and additional computers in the library along with printers to print out the syllabus or any other class documents. Any technical issues, personal issues, financial issues or other are your responsibility and will not be excuses to acquire additional time on homework, assignments, other class work or tests. If you have an emergency, you must contact me either by e-mail or leaving me a message at the office phone *before* a due date to any homework, assignment, other class work or test.

DO NOT WAIT TO CONTACT ME THE DAY AFTER DUE DATES.

When you contact me make sure to have your CRN number, your first and last name, time and date of your class, and be very specific what the problem is.

To access the Learning Web:

Go to www.hccs.edu

Click on the "Northeast" tab on the top of the page

Under the Connect section on the bottom right of the page click on the "Learning Web" link

Under the For Students section, type "deherrera" and hit the search button

Scroll down to the "Noemi DeHerrera--Learning Web" link

Click on "Developmental Math II(Math 0308)"

Click on the document you are searching for

How to acquire a pass code for MyMath Lab:

- 1) Buy the book package at the book store; preferably at the HCC Central Campus Book Store
- 2) With a valid credit card, go to the [www.http://pearsonmylabandmastering.com/?cc](http://www.pearsonmylabandmastering.com/?cc) web site and purchase the pass code alone directly from the publisher
- 3) Use your financial aid or other form of payment and purchase just the pass code from the book store
- 4) Use your old valid pass code from a previous class

Tests: You will have a total of 3 tests plus the final exam. You are only allowed to attempt each test once. The chapter tests will be in class and are 90 minutes long. You are required to bring your own scantron for each test, scratch and a pencil. No notes, no open books or calculators will be allowed.

Final Examination: The final examination is departmental and consists of 33 multiple-choice problems. The problems cover only the material required in this course. The final exam will be done in class. It is mandatory that you bring your own scantron (the green one that goes from 1 to 50 on one side and 50 to 100 on the other side). These scantrons are sold at the campus bookstore. The final exam will be 2 hours. **NO CALCULATOR, NO NOTES AND NO OPEN BOOK.**

The following policy was adopted by Houston Community College regarding the system-wide Final Examinations in developmental mathematics courses:

- ★ If a student scores less than a 50 on the Final Exam, then the student receives an **F** in the course.
- ★ If a student scores at least 50 but less than 60 on the Final Exam, then the student earns a **D** or an **F** in the course (depending on the course average).

- ★ If a student scores at least a 60 on the Final Exam, then the grades will be averaged in accordance with the grade calculation formula as stated on the student syllabus; i.e., the student earns an **A, B, C, D,** or **F** in the course.

Grading Percentages Scale:

Homework 1	5%
Homework 2	5%
Homework 3	5%
Test1	20%
Test2	20%
Test3	20%
<u>Final Exam</u>	<u>25%</u>
Total	100%

Grading Scale

90 - 100 = A
80 - 89 = B
70 - 79 = C
60 - 69 = D
Below 60 = F

NOTE: There is no make-up for homework, assignments, or tests. Therefore, it is your responsibility to keep track of the due dates and due times for all assignments. The use of calculators and cell phones is not permitted for any class assignments or tests.

To access your class grade during the semester:

Go to [www.http://pearsonmylabandmastering.com/?cc](http://www.pearsonmylabandmastering.com/?cc)

Log-in

Click on the Math 0308 Fall 2011_53149 tab

Click on the "Gradebook" tab on the left

Cell Phone Policy:

All cell phones must be muted or turned off during class. Cell phone activity during class time is deemed to be disruptive to the academic process. Cell phones are to not be on the student desk during examinations. Cell phone usage, of any kind, is expressly prohibited during examinations.

AskOnline Tutoring:

Students can get *free* assistance, 24 hours a day, 7 days a week, in Mathematics, English and many other subjects, at www.hccs.askonline.net. Typically, posted questions will be answered by an HCC tutor or faculty member within 24 hours (usually under 6 hours).

Withdrawal policy:

If you wish to drop the class, then it is your responsibility to do that before the final drop date. If your name is on the roll at the end of the term, you WILL receive a grade. Neither you nor your instructor will be able to perform the drop after the final drop date. Please refer to the following notice before dropping the class.

The final withdrawal deadline for regular 16 week Fall 2011 is November 3 at 4:30pm. Classes of other duration (mini-term, flex-entry, 8-weeks, etc.) may have different final withdrawal deadlines. Please visit the online registration calendars or contact the HCC Registrar's Office to determine class withdrawal deadlines.

NOTICE: Students who take a course three or more times will face significant tuition or fee increases at HCC and other Texas public colleges and universities. In addition, state law allows students a maximum of 6 course withdrawals during their *entire* college career. Students with more than 6 drops will be required to pay additional fees. Prior to course withdrawal, you must confer with your professor or counselor about your study habits, homework, test-taking skills, attendance, course participation, and tutoring or other assistance that is available.

The State of Texas has begun to impose penalties on students who drop courses excessively. For example, if you repeat the same course more than twice, you have to pay extra tuition. In 2007, the Texas Legislature passed a law limiting students to no more than six total course withdrawals throughout their academic career in obtaining a baccalaureate degree. There may be future penalties imposed.

Repeat Course Fee

The State of Texas encourages students to complete college without having to repeat failed classes. To increase student success, students who repeat the same course more than twice, are required to pay extra tuition. The purpose of this extra tuition fee is to encourage students to pass their courses and to graduate. Effective fall 2006, HCC will charge a higher tuition rate to students registering the third or subsequent time for a course. If you are considering course withdrawal because you are not earning passing grades, confer with your instructor/counselor as early as possible about your study habits, reading and writing homework, test taking skills, attendance, course participation, and opportunities for tutoring or other assistance that might be available.

Students with Disabilities: Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc) who needs to arrange reasonable accommodations must contact the appropriate HCC Disability Support Service (DSS) Counselor at the beginning of each semester. Faculty is authorized to provide only the accommodations requested by the Disability Support Services Office.

Students who are requesting special testing accommodations must first contact the appropriate (most convenient) DSS office for assistance:

Disability Support Services Offices:

System: 713.718.5165

Central: 713.718.6164 – also for Deaf and Hard of Hearing Services and Students Outside of the HCC District service areas.

Northwest: 713.718.5422

Northeast: 713.718.8420

Southeast: 713.718.7218

Southwest: 713.718.7909

After student accommodation letters have been approved by the DSS office and submitted to DE Counseling for processing, students will receive an email confirmation informing them of the Instructional Support Specialist assigned to their professor.

HCC Policy Statement: Academic Honesty

Note: As with all developmental mathematics courses at HCC, **the use of a calculator during an exam is prohibited** and will be considered cheating.

A student who is academically dishonest is, by definition, not showing that the coursework has been learned, and that student is claiming an advantage not available to other students. The instructor is responsible for measuring each student's individual achievements and also for ensuring that all students compete on a level playing field. Thus, in our system, the instructor has teaching, grading, and enforcement roles. You are expected to be familiar with the University's Policy on Academic Honesty, found in the catalog. What that means is: If you are charged with an offense, pleading ignorance of the rules will not help you. Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Penalties and/or disciplinary proceedings may be initiated by College System officials against a student accused of scholastic dishonesty. "Scholastic dishonesty": includes, but is not limited to, cheating on a test, plagiarism, and collusion.

Cheating on a test includes:

- Copying from another students' test paper;
- Using materials not authorized by the person giving the test;
- Collaborating with another student during a test without authorization;
- Knowingly using, buying, selling, stealing, transporting, or soliciting in whole or part the contents of a test not yet administered;
- Bribing another person to obtain a test that is to be administered.

Plagiarism means the appropriation of another's work and the unacknowledged incorporation of that work in one's own written work offered for credit.

Collusion mean the unauthorized collaboration with another person in preparing written work offered for credit. Possible punishments for academic dishonesty may include a grade of 0 or F in the particular assignment, failure in the course, and/or recommendation for probation or dismissal from the College System. (See the Student Handbook)

HCC Policy Statements:

Class Attendance - It is important that you come to class! Attending class regularly is the best way to succeed in this class. Research has shown that the single most important factor in student success is attendance. Simply put, going to class greatly increases your ability to succeed. You are expected to be on time at the beginning of each class period. For complete information regarding Houston Community College's policies on attendance, please refer to the Student Handbook. You are responsible for materials covered during your absences. Class attendance is checked daily. Although it is your responsibility to drop a course for nonattendance, the instructor has the authority to drop you for excessive absences.

- ★ If you are not attending class, you are not learning the information. As the information that is discussed in class is important for your career, **students may be dropped from a course after accumulating absences in excess of six (6) hours of instruction.** The six hours of class time would include any total classes missed or for excessive tardiness or leaving class early.
- ★ You may decide NOT to come to class for whatever reason. As an adult making the decision not to attend, you do not have to notify the instructor prior to missing a class. However, if this happens too many times, you may suddenly find that you have "lost" the class.
- ★ Poor attendance records tend to correlate with poor grades. If you miss any class, including the first week, you are responsible for all material missed. It is a good idea to find a friend or a buddy in class who would be willing to share class notes or discussion or be able to hand in your work if you unavoidably miss a class.

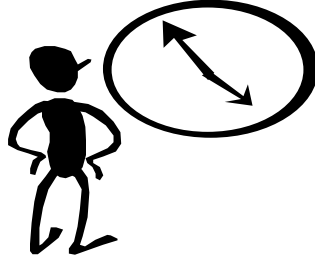
Mathematics Bridge Course Statement for 0308:

Any student who earns a grade of D in Math 0308 is qualified to enroll in the Bridge Course-Math 0108. Please visit with the instructor of your course for details.

Student Course Reinstatement Policy:

Students have a responsibility to arrange payment for their classes when they register, either through cash, credit card, financial aid, or the installment plan. Faculty members have a responsibility to check their class rolls regularly, especially during the early weeks of a term, and reconcile the official class roll to ensure that no one is attending class whose name does not appear on it. Students who are dropped from their courses for nonpayment of tuition and fees who request reinstatement after the official date of record (OE Date) can be reinstated by making payment in full and paying an additional \$75 per course reinstatement fee. A student requesting reinstatement should present the registrar with a completed Enrollment Authorization Form with the signature of the instructor, department chair, or dean who should verify that the student has been attending class regularly. Students who are reinstated are responsible for all course policies and procedures, including attendance requirements.

This is your contract page



This contract is due September 15, 2011 by 9:00 a.m.

There are no make-ups for homework, assignments, or tests. Therefore, it is your responsibility to keep track of the due dates and due times for all assignments. The use of calculators and cell phones is not permitted for any class assignments or tests.

In order to access any homework, assignment, other class work or test you must read, sign and dated the contract on the last page of the syllabus. The signed and dated contract must be submitted to your instructor no later than September 15, 2011 9:00 a.m. If you lose this syllabus and/ or want an additional copy you can access one by going to my webpage in the Learning Web.

If you do not have a computer or access to the internet, all of the HCC campuses offer computer and internet service to their students at no additional cost. Northline offers a computer lab on the fourth floor and additional computers in the library along with printers to print out the syllabus or any other class documents. Any technical issues, personal issues, financial issues or other are your responsibility and will not be excuses to acquire additional time on homework, assignments, other class work or tests. If you have an emergency, you must contact me either by e-mail or leaving me a message at the office phone *before* a due date to any homework, assignment, other class work or test. **DO NOT WAIT TO CONTACT ME THE DAY AFTER DUE DATES.**

When you contact me make sure to have your CRN number, your first and last name, time and date of your class, and be very specific what the problem is.

Initial each next to each of the following statements:

_____ I have read and understand the syllabus and by signing this document I am stating that I will follow the above stated class rules.

_____ I understand the homework, assignments, other class work and tests due dates and times.

_____ I understand I have an option to chose how I will submit my homework assignments.

_____ I understand how to contact my instructor in case of an emergency.

_____ I understand that I need to contact my instructor before the due date of any homework, assignment, other class work or test if I have an emergency and I cannot fulfill the requirements.

_____ I understand that any personal issues, financial issues or other are my responsibility and will not be used as excuses to acquire additional time on any homework, assignment, other class work or test.

Print Name: _____

Date: _____

Sign Name: _____

Date: _____