



**DEPARTMENT OF MATHEMATICS
SOUTHWEST COLLEGE**

**COURSE SYLLABUS – SPRING 2017
Hybrid Course
MATH 0409: Foundations of Mathematics**

CRN 17187 / Tu and Th 10:00 – 12:00 PM / West Loop Center, Room 171

INSTRUCTOR:	Houssam Kalajo
CONTACT INFORMATION:	Houssam.kalajo@hccs.edu web page http://learning.hccs.edu/faculty/houssam.kalajo
MYMATHLAB COURSE ID:	Kalajo20377 All homework assignments Due on or before 03/08/2017

Office location and hours: West Loop Campus, Student Success Center F15, 7 – 8 am, Mo – Th; by appointment.

Course Description

Foundations of Mathematics: Topics include real numbers, proportions, descriptive statistics, basic geometry, polynomials, factoring, linear equations, inequalities, linear models, percentage models, order of operations, set operations, and an introduction to other models which may include exponential, quadratic and/or rational models, 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.

This hybrid course is a combination of in-class instruction and online learning. Both MyMathLab and CANVAS will be required.

Prerequisites

TSIA Reading Score above 341 or GUST 0339 with a grade of C or higher; TSIA ABE level 5 or 6; TSIA Math Score 336 – 347 with Elementary Algebra Score 5 – 15 and Intermediate Algebra Score 0 – 6; Math 0106: Pass with “C” or better.

Credit: 3 hours credit (3 Lecture), and 1 hr lab

Audience: This course is for students who require state mandated remediation.

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 Math 0312 or for a non-Calculus-based College Level Math course, specifically Math 1332 or Math 1333.

Course Student Learning Outcomes (SLO):

1. Identify and apply properties of real numbers, and perform accurate arithmetic operations with numbers in various formats.
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, parallelograms, triangles and circles.
5. Apply “Proportional Reasoning” to solve related problems including ratios, rates, proportion, percent and conversions of units.
6. Recognize, examine, and interpret the linear, quadratic, exponential, and/or rational models of equations.

Learning objectives

Students will:

1. Add, subtract, multiply and divide real numbers and manipulate certain expressions.
2. Find the perimeter and area of rectangles, squares, parallelograms, triangles and circles.
3. Solve problems using scientific notation.
4. Simplify algebraic expressions.
5. Solve problems using equations and inequalities.
6. Factor polynomials using the techniques of the greatest common factor, grouping, difference of two squares and trinomials of the form $x^2 + bx + c$.
7. Multiply and divide, and simplify rational expressions
8. Plot ordered pairs and graph linear equations.
9. Graph linear inequalities.
10. Find the rate of change of a line & write its equation.
11. Model situations with linear, quadratic, or exponential functions.

Core Objectives

Given the rapid evolution of necessary knowledge and skills and the need to take into account global, national, state, and local cultures, the core curriculum must ensure that students will develop the essential knowledge and skills they need to be successful in college, in a career, in their communities, and in life. Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

Critical Thinking Skills: to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.

Communication Skills: to include effective development, interpretation and expression of ideas through written, oral and visual communication.

Empirical and Quantitative Skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

Instructional Materials



Math 0409/0312

- Textbook: Introductory and Intermediate Algebra
- HCC, Houston Community College
- Textbook ISBN-13: 978-1-323-15682-7
- Publisher: Pearson Learning Solutions: Boston, 2015
- This is a custom course for Houston Community College.

Students will either need to purchase their textbook/access code bundle from the bookstore, OR they can purchase online via the MML registration process. MyMathLab ALWAYS comes with an e-text.

Course Outline

GEOMETRY and SET OPERATIONS (Chapter 8 and Appendix D)

This unit presents the basic geometric figures, their relations, and basic set operations. The instructor should emphasize the perimeter and area of triangles, quadrilaterals, and circles and set operations including union, intersection, and complement. Listed below are the subtopics covered in this unit:

8.2	Perimeter	757
8.3	Area	762

8.4	Circles	773
	Appendix D. Introduction to Set Operations	746

INTRO. TO REAL NUMBERS & ALGEBRAIC EXPRESSIONS (Chapter 1)

This unit presents an introduction to algebra and the real number system. The instructor should emphasize addition, subtraction, multiplication and division of real numbers and the properties of real numbers. This unit concludes with simplifying expressions and the order of operations. Listed below are the subtopics covered in this unit:

1.1	Introduction to Algebra	44
1.2	The Real Numbers	51
1.3	Addition of Real Numbers	62
1.4	Subtraction of Real Numbers	70
1.5	Multiplication of Real Numbers	79
1.6	Division of Real Numbers	86
1.7	Properties of Real Numbers	95
1.8	Simplifying Expressions; Order of Operations	108

SOLVING EQUATIONS AND INEQUALITIES (Chapter 2)

The major emphasis of this chapter is to teach solving linear equations. A mastery of this chapter requires that the student have a thorough understanding of combining like terms and properties of equality. The skills necessary for solving equations is extended to include working with the equality of two fractions and solving inequalities in a single variable.

Listed below are the subtopics covered in this unit:

2.1	Solving Equations: The Addition Principle	126
2.2	Solving Equations: The Multiplication Principle	132
2.3	Using the Principles Together	138
2.4	Formulas	149
2.5	Applications of Percent	159
2.6	Applications and Problem Solving	167
2.7	Solving Inequalities	184
2.8	Applications and Problem Solving with Inequalities	196

GRAPHS OF LINEAR EQUATIONS AND INEQUALITIES (Chapter 3)

This unit introduces plotting ordered pairs, rates of change (slopes), and sketching linear equations of the form $y = mx + b$ and linear inequalities.

Listed below are the subtopics covered in this unit:

3.1	Graphs and Application of Linear Equations	214
3.2	More with Graphing and Intercepts	231
3.3	Slope and Applications	242
3.5	Graphing Using the Slope and the y-Intercept	242
3.7	Graph Linear Inequalities in Two Variables	242

POLYNOMIALS: OPERATIONS (Chapter 4)

This unit begins with integer exponents and scientific notation. The topics include the techniques to recognize a polynomial and find the degree of a polynomial; perform addition, subtraction, multiplication and division of polynomials.

Listed below are the subtopics covered in this unit:

4.1	Integers as Exponents	294
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4.2	Exponents and Scientific Notation	304
4.3	Introduction to Polynomials	316
4.4	Addition and Subtraction of Polynomials	329
4.5	Multiplication of Polynomials	339
4.6	Special Products	346
4.7	Operations with Polynomials in Several Variables	357
4.8	Division of Polynomials (Monomials Divisors Only)	366

POLYNOMIALS: FACTORING (Chapter 5)

This unit covers factorization of polynomials.

Listed below are the subtopics covered in this unit:

5.1	Introduction to Factoring	384
5.2	Factoring Trinomials of the Type $x^2 + bx + c$	392
5.5	Factoring Trinomial Squares and Differences of Squares	418
5.6	Factoring: A General Strategy (Omit $ax^2 + bx + c$, except trinomial squares)	428

RATIONAL EXPRESSIONS AND EQUATIONS (Chapter 6)

This unit begins with multiplying and simplifying rational expressions. The topics include the techniques to reduce or build-up fractions; perform addition, subtraction, multiplication and division of fractions.

Listed below are the subtopics covered in this unit:

6.1	Multiplication and Simplifying Rational Expressions	466
6.2	Division and Reciprocals	476
6.7	Rational Equations and applications (Proportions only)	509
6.8	Applications Using Rational Equations and Proportions (proportions only)	

RADICAL EXPRESSIONS AND EQUATIONS (Chapter 7)

This unit covers finding the principal square roots, identifying radicands of radical expressions, identifying whether a radical expression represents a real number and simplifying radical expressions with a perfect-square radicand.

Listed below is the subtopic covered in this unit:

From the Intermediate Algebra portion of the book:

7.1	Introduction to Radical Expressions (Perfect Square Radicands Only)	434
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LINEAR, QUADRATIC, AND EXPONENTIAL MODELING

This unit covers includes matching scatter plots with tables of values and simple equations, knowing that a linear equation has a straight line, quadratic is U-shaped, and exponential either increases or decreases without bound in one direction and levels out in the other direction (without mentioning the term "asymptote.")

Listed below are the subtopics covered in this unit:

- Linear modeling
- Quadratic modeling
- Exponential modeling

Review for Final Examination: Covers all previous sections	2 Hours
Comprehensive Final Examination: Covers all previous sections	2 Hours

Instructional Methods

As an instructor, I want my students to be successful. I feel that it is my responsibility to provide you with knowledge concerning mathematical concepts contained in our developmental math curriculum. This knowledge will prepare you for College Algebra and will allow you to meet the math requirements that are needed for your career of choice.

As a student wanting to master the mathematical concepts contained in the developmental math curriculum, it is your responsibility to read the textbook, submit assignments on the due dates, study for the exams, participate in classroom activities, attend class, and enjoy the learning experience.

In this course, you will be involved in discussions with your classmates and your instructor. As you will want to contribute to these discussions, you will need to come to class prepared to discuss, analyze and evaluate information from your text and notes.

Student Assignments

Assignments have been developed that will enhance your learning. To better understand a topic, you will be given assignments on key information that you will need to remember for your success in your career. Students will be required to successfully complete the following:

Mathematics Homework Assignments

All homework assignments for this class must be completed online using MYMATHLAB. The MyMathLab Course ID to be used for registration purposes only and the school zip code is 77477 or 77081. To register for MyMathLab and to access the homework, go to www.coursecompass.com.

Note:

- ❖ No extra work is given for extra credit.
- ❖ No extra work is given to “bring up my grade”.
- ❖ Be sure that your name in MyMathLab exactly matches your name on Class Roster.

Calculator Policy: NO CALCULATORS are to be used on graded course work and in particular all examinations.

Exam Policy: There will be three or four major examinations plus the final exam. Each exam is worth 100 points. Before each exam, please clear your desk of all material except pencils/pens, erasers, and scratch work. In addition, please do not share any material during an exam.

Make-up Policy

Tests must be taken on the specified day. **No MAKE-UP** examinations will be given. The final examination grade will be substituted for one missed test only, **regardless of the reason**. If a second test is missed, the score for that test is zero; thus, more weight will be given to the final examination than would be the case if all examinations were taken on time.

Final Examination:

The final examination is departmental and consists of 33 multiple choice problems. The problems cover all the material required in the course.

Students with disabilities

Houston Community College is dedicated to providing an inclusive learning environment by removing barriers and opening access for qualified students with documented disabilities in compliance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act. Ability Services is the designated office responsible for approving and coordinating reasonable accommodations and services in order to assist students with disabilities in reaching their full academic potential. In order to receive reasonable accommodations or evacuation assistance in an emergency, the student must be registered with Ability Services.

If you have a documented disability (e.g. learning, hearing, vision, physical, mental health, or a chronic health condition), that may require accommodations, please contact the appropriate Ability Services Office below. Please note that classroom accommodations cannot be provided prior to your Instructor’s receipt of an accommodation letter and accommodations are not retroactive. Accommodations can be requested at any time during the semester, however if an accommodation letter is provided to the Instructor after the first day of class, sufficient time (1 week) must be allotted for the Instructor to implement the accommodations.

Ability Services Contact Information

Central College	713-718-6164	
Coleman College	713-718-7376	
Northeast College	713-718-8322	
Northwest College	713-718-5422	713-718-5408
Southeast College	713-718-7144	
Southwest College	713-718-5910	
Adaptive Equipment/Assistive Technology	713-718-6629	713-718-5604
Interpreting and CART services	713-718-6333	

HCC Policy Statement: Title IX

HCC is committed to provide a learning and working environment that is free from discrimination on the basis of sex which includes all forms of sexual misconduct. Title IX of the Education Amendments of 1972 requires that when a complaint is filed, a prompt and thorough investigation is initiated. Complaints may be filed with the HCC Title IX Coordinator available at 713 718-8271 or email at oie@hccs.edu.

Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students' rights with regard to sex/gender discrimination. Information regarding these rights are on the HCC website under Students-Anti-Discrimination. Students who are pregnant and require accommodations should contact any of the ADA Counselors for assistance. It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult situations.

Log in to www.edurisksolutions.org. Sign in using your HCC student email account, then go to the button at the top right that says Login and enter your student number.

HCC Policy Statement: Academic Honesty

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 that has not been 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 attend all lecture and labs regularly. 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 paper if you unavoidably miss a class. Class attendance equals class success.

HCC Course Withdrawal Policy

If you feel that you cannot complete this course, you will need to withdraw from the course prior to the final date of withdrawal. Before, you withdraw from your course; please take the time to meet with the instructor to discuss why you feel it is necessary to do so. The instructor may be able to provide you with suggestions that would enable you to complete the course. Your success is very important. Beginning in fall 2007, the Texas Legislature passed a law limiting first time entering freshmen to no more than **SIX** total course withdrawals **throughout** their educational career in obtaining a certificate and/or degree.

To help students avoid having to drop/withdraw from any class, HCC has instituted an Early Alert process by which your professor *may* "alert" you and HCC counselors that you might fail a class because of excessive absences and/or poor academic performance. It is your responsibility to visit with your professor or a counselor to learn about what, if any, HCC interventions might be available to assist you – online tutoring, child care, financial aid, job placement, etc. – to stay in class and improve your academic performance.

If you plan on withdrawing from your class, you **MUST** contact a HCC counselor or your professor prior to withdrawing (dropping) the class for approval and this must be done **PRIOR** to the withdrawal deadline to receive a "W" on your transcript. **Final withdrawal deadlines vary each semester and/or depending on class length, please visit the online registration calendars, HCC schedule of classes and catalog, any HCC Registration Office, or any HCC counselor to determine class withdrawal deadlines. **Remember to allow a 24-hour response time when communicating via email and/or telephone with a professor and/or counselor. Do not submit a request to discuss withdrawal options less than a day before the deadline.** If you do not withdraw before the deadline, you will receive the grade that you are making in the class as your final grade. If you wish to drop the class, then it is your responsibility to do that before the final drop date. **Neither you nor your instructor will be able to perform the drop after the final drop date and I will not drop you for nonattendance. The last day to withdraw from this course with a grade of W is 02/21/2017.**

ATTENDANCE POLICY: Attendance is compulsory. Attendance is checked during every class. When you have accumulated 12.5 % or 6 hours of absences, the instructor is obligated by law to drop you from the class. *It is your responsibility to be sure that you are marked present before leaving the class.* Students are expected to attend class regularly and they are responsible for materials covered during their absences. Student can contact his/her friend or myself if available, regarding it. The nature of the course is such that perfect attendance is essential for mastery of the course content. A missed class can never be duplicated.

INSTRUCTIONS POLICY: All instructions given in class must be followed strictly. No excuse shall be accepted if you do not follow or miss instructions. It is your responsibility to clarify the doubts immediately.

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.

Classroom Behavior

As your instructor and as a student in this class, it is our shared responsibility to develop and maintain a positive learning environment for everyone. Your instructor takes this responsibility very seriously and will inform members of the class if their behavior makes it difficult for him/her to carry out this task. As a fellow learner, you are asked to respect the learning needs of your classmates and assist your instructor achieve this critical goal.

Use of Camera and/or Recording Devices

As a student active in the learning community of this course, it is your responsibility to be respectful of the learning atmosphere in your classroom. To show respect of your fellow students and instructor, you will turn off your phone and other electronic devices, and will not use these devices in the classroom unless you receive permission from the instructor.

Use of recording devices, including camera phones and tape recorders, is prohibited in classrooms, laboratories, faculty offices, and other locations where instruction, tutoring, or testing occurs. Students with disabilities who need to use a recording device as a reasonable accommodation should contact the Office for Students with Disabilities for information regarding reasonable accommodations

Instructor Requirements

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through class activities, discussions, and lectures
- Description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness and make up
- Provide the course outline and class calendar which will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required

To be successful in this class, it is the student's responsibility to:

- Attend class and participate in class discussions and activities
- Read and comprehend the textbook
- Complete the required assignments and exams:
 - Chapter Exams, MyMathLab Homework, Final Exam
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts and all assignments

Grading policy

Your instructor will conduct exams, and monitor your progress on homework assignments to determine how successful you are at achieving the course learning outcomes (mastery of course content and skills) outlined in the syllabus. If you find you are not mastering the material and skills, you are encouraged to reflect on how you study and prepare for each class. Your instructor welcomes a dialogue on what you discover and may be able to assist you in finding resources on campus that will improve your performance.

Final Grade Policy in Developmental Mathematics

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

- ❖ Students who score less than 60% on the Final Examination or who have an overall course average less than 70% will be awarded a grade of "IP" or "F." ***The "IP" grade will be awarded to those students who took Math 0409 for the 1st time. The "F" grade will be awarded to those students who are repeating Math 0409.***
- ❖ Students who score 60% or higher on the Final Examination and whose overall course average is equal to or greater than 70%, will have their grades averaged and awarded a grade based upon the standard 10 point scale.

Your course grade will be computed as follows:
 One lowest major exam out of 4 will be dropped.

3 exams 45% (each 15%)
 Homework 20%
 Final exam 35%

Final Average Score = Average of 3 exams * 0.45 + HWK (MyMathLab) * 0.20 + Final Exam * 0.35

Your final course grade is based on the following standard HCC scale.

Final Course Average	$90 \leq \text{Avg} \leq 100$	$80 \leq \text{Avg} < 90$	$70 \leq \text{Avg} < 80$	$\text{Avg} < 70$
Final Course Grade	A	B	C	F, IP, or FX

Note: The grade of **D** is not allowed in developmental math courses. The grade of **IP** can be given only once in a course. The grade of **FX** is given when a student fails due to lack of attendance. A grade of **W** may be given on or before the official withdrawal date but not at the time of final grade submission.

FINAL GRADE OF FX Students who stop attending class and do not withdraw themselves prior to the withdrawal deadline may either be dropped by their professor for excessive absences or be assigned the final grade of "FX" at the end of the semester. Students who stop attending classes will receive a grade of "FX", compared to an earned grade of "F" which is due to poor performance.

Please note that HCC will not disperse financial aid funding for students who have never attended class. Students who receive financial aid but fail to attend class will be reported to the Department of Education and may have to pay back their aid. A grade of "FX" is treated exactly the same as a grade of "F" in terms of GPA, probation, suspension, and satisfactory academic progress.

EGLS3 -- Evaluation for Greater Learning Student Survey System

At Houston Community College, professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time, you will be asked to answer a short online survey of research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and division chairs for continual improvement of instruction. Look for the survey as part of the Houston Community College Student System online near the end of the term. Visit www.hccs.edu/EGLS3 for more information.

Administration contact information

College - Level Math Courses

Chair of Math	Jaime Hernandez	SW Campus	713-718-2477	Stafford, Scarcella, N108
- Secretary	Tiffany Pham	SW Campus	713-718-7770	Stafford, Scarcella, N108
Math Assoc. Chair	Clen Vance	CE Campus	713-718-6448	San Jacinto Building, Rm 369
Math Assoc. Chair	Ernest Lowery	NW Campus	713-718-5512	Katy Campus Building, Rm 112
Math Assoc. Chair	Mahmoud Basharat	NE Campus	713-718-2438	Codwell Hall Rm 105

Developmental Math Courses

Chair of Dev. Math	Susan Fife	SE Campus	713-718-7241	Felix Morales Building, Rm 124
- Secretary	Carmen Vasquez	SE Campus	713-718-7056	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Marisol Montemayor	SE Campus	713-718-7153	Felix Morales Building, Rm 124
Dev. Math Assoc. Chair	Jack Hatton	NE Campus	713-718-2434	Northline Building, Room 321

For issues related to your class, please first contact your instructor.
 If you need to contact departmental administration, then contact the appropriate Associate Chair.

If further administrative contact is necessary, then contact the appropriate Department Chair.

Resources:

1. Any student enrolled in Math at HCCS has access to the Learning Support Center (LRC) where they may get additional help in understanding the theory or in improving their skills. The Center is staffed with mathematics faculty and student assistants, and offers tutorial help, video tapes and computer-assisted drills. A student's Solutions manual may be obtained from the bookstore. Check any HCC campuses for the math tutoring schedule.
2. **Ask Online 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.
3. By purchasing a MyMathLab access code, students can also receive free tutoring from the Pearson Tutor Center at <http://digitalvillum.next.college.com/postindexmixed.html?courseId=5734065> . Students can get tutoring either over the phone, fax, email, or interactive web.
4. There are also several online math resources that you can find with an internet search like the following links:
 - <http://khanacademy.org>
 - <http://sophia.hccs.edu/~douglas.bump/math>
 - <http://www.purplemath.com/>
 - <http://www.awl.com/tutorcenter/stinfo.html>
 - <http://www.harcourtcollege.com/math/nettutor/0030260264/>
 - <http://www.mhhe.com/barnett>