



SYLLABUS

Intermediate Algebra

MAT 1033 / 4 credit hours

SPRING 2017

Instructor: Hady (Parham) Ahmady Phoulady
Course Meeting Days and Times: T/TH 7:30 PM – 9:10 PM
Effective Dates: January 10 – May 4, 2017
Classroom: Administration Building, Room 109
Office Location: Administration Building, Room 217
Office hours: T/TH 7:10 PM – 7:30 PM
Phone: (813) 817-5784 (cell)
Email Address (preferred contact method): hahmadyphoulady@hccfl.edu

MyMathLab Course ID: [ahmadyphoulady39364](#)

Other office hours are available by appointment only.

For the slides, visit: <http://www.cse.usf.edu/~hady/courses/mat1033/sp17/index.html>

HCC official LMS IS CANVAS .You should call the toll free Canvas tech support services number (844-408-6462), if there is any questions or problems. Support line is available 24/7.

COURSE DESCRIPTION:

Topics include relations, functions, polynomial operations, factoring, absolute value, rational expressions, equations (linear, quadratic, radical, rational), systems of equations, inequalities, exponents, radicals, graphs of linear equations and inequalities in two variables, complex numbers, and applications. Elective credit only. No credit given if the student has prior credit for any MAC course.

PREREQUISITE:

For non-exempt students, MAT 0028 or MAT 0022 with a grade of at least “C” or a required score on the HCC Placement test.

REQUIRED MATERIALS:

MyMathLab Student Access Code which will include the following:

1. Access to MyMathLab Homework
2. E-book of INTERMEDIATE ALGEBRA” by BLITZER (7th edition).

Optionally, the student may wish to purchase the bundled package which includes a MyMathLab access code and a physical copy of the textbook.

ADDITIONAL MATERIALS NEEDED:

1. Pencils (to be used on all tests).
2. Calculator - Each student should have his or her own scientific or graphing calculator (**no symbolic calculator, such as TI89, TI89+ ,TI92or HP48**). Calculators may be used on all homework, tests and quizzes.
Students cannot use their cell phones as a calculator in class.

GRADING SYSTEM:

TESTING:

Five tests will be administered as outlined on the tentative class schedule. Cumulative **mandatory** final exam will also be given. If a student takes all the tests and scores higher on the final exam than on one or more of the tests, the lowest test grade will be replaced by the final exam score. If a student misses one test, the grade for that test will be the grade from the final exam. If a student misses more than one test, the first zero score will be replaced with the grade from the final exam and all other grades will remain zeros. **No cell phones allowed out during testing.**

Tests will not be made –up.

FINAL EXAM POLICY: If a student misses one test, the grade for that test will be the grade from the final exam. If a student misses more than one test, the first zero score will be replaced with the grade from the final exam and all other grades will remain zeros. If a student takes all the tests and scores higher on the final exam than on one or more of the tests, the lowest test grade will be replaced by the final exam score. The final exam grade cannot replace the midterm, homework, or attendance grades. No retakes are allowed.

TEST CORRECTIONS:

Students have the opportunity to correct Tests #1- 3. For each missed question that is corrected according to the directions on the Test Corrections forms provided by the instructor, the student will receive ½ **point** back on his or her test. Do this carefully and neatly. Show all work in pencil and turn it in no later than your instructor asks for it to be turned in.

QUIZZES:

Five online quizzes will be given throughout the term.. Students will have two attempts at each online quiz and 75 minutes to complete each attempt. **The deadline for each online quiz is at 11:59 pm of the due date.**

Note: The students cannot attempt to open any other windows or pages during their online quiz time. This action will end their attempt to complete the quiz and a zero will be issued for that quiz.

HOMEWORK:

The homework consists of assignments on the Mymathlab website. All assignments will be graded by the computer for credit.

Every student gets a free temporary 14 calendar day grace period to use MyMathLab. It is very important that you register yourself in the MyMathLab course within the first 2 days of class. If you do not purchase the access code and transfer your registration to a permanent account, on day 15 your records and work will no longer be accessible on MyMathLab. THE REGISTRATION ON MYMATHLAB WILL BE CLOSED ON 1/23/2017. YOU MUST HAVE A PERMANENT ACCOUNT ON MYMATHLAB BY 1/22/2017.

For Technical Support go to <http://247.support.pearsoned.com> for 24/7 live chat help or call 1-800-677-6337.

If you have any difficulty with your personal computer, you may go to any Brandon Campus computer lab, the Math Lab (BLRC 200) or Student Success Center (BACA 207) and use the school computers to do the online homework.

SUGGESTION: As the students work through the online homework questions, they should write down the directions and problems neatly and keep the work organized so they have this to refer to when studying for quizzes and tests.

NOTE: Through each homework assignment, there are buttons to click to get explanations and assistance with the homework problems. There are no explanations of how to work the problems or assistance available for the questions in the Practice Tests # 1- 5.

FINAL GRADE SUMMARY		
	EVENT	PERCENTAGE
1.	Five Tests	60%
2.	Five Quizzes (lowest score dropped)	10%
3.	Homework	10%
5.	Participation + Pop Quizzes	10%
6.	Final Exam	10%

GRADING SCALE	
90 – 100 %	A
80 – 89 %	B
70 – 79 %	C
60 – 69 %	D
0 – 59 %	F

Final grades may be viewed via WebAdvisor at the end of each term (www.facts.org).

DIAGNOSTIC TEST:

Every Intermediate Algebra student is expected to take a diagnostic test by **Sunday, 1/15/17 and a diagnostic post-test by Sunday, 4/23/17**. This test will be taken by each student on a computer of their choice. Students can use their own computer or use the BRANDON CAMPUS SUCCESS CENTER (BLRC 200) computers. Each student will log into the Pearson website, MyMathTest.com, to take the test. The student will have 120 minutes to take the 30-question test. The instructor will provide you with directions on logging in to MyMathTest and taking the test. The topics covered by the test should be familiar to Intermediate Algebra students. The test results will be used by the instructor to provide better guidance, instruction, and remediation for the student. There is no grade for this test.

CLASS ATTENDANCE:

Attendance will be taken every class. Absences in excess of 10% of the total class meetings may result in a failing grade. Also, these absences will result in veterans being reported to the VA. It is extremely important to be on time to class. All early departures should be discussed and cleared with the instructor prior to class. Students are always responsible for letting the instructor know they are present if they arrive in the classroom after the instructor has taken the attendance.

RELIGIOUS OBSERVANCES:

HCC will reasonably accommodate the religious observances, practices, and beliefs of students in its admissions, examination policies, and work assignments. You must notify me in writing one week prior to a religious observance.

WITHDRAWAL:

The last day for the students to withdraw from the course is **FRIDAY, MARCH 24th, 2017**. Additional information regarding the withdrawal policy can be found in the HCC Catalog, 2016 - 2017.

INCOMPLETE:

Before an incomplete grade is given, all of the following requirements must be satisfied:

1. You must have completed more than two-third of the course.
2. You must have at least a "C" average.
3. You must provide written documentation justifying the request.

INCOMPLETE GRADES MUST BE APPROVED BY THE INSTRUCTOR AND CONFIRMED BY THE ACADEMIC DEAN. Additional information regarding the incomplete policy can be found in the HCC Catalog, 2016 - 2017.

ACADEMIC SUCCESS CENTER (MATH LAB):

The Academic Success Center (ASC) provides **free** math support and resources designed to help students be successful, including

- drop-in tutoring, tutor-assisted group study sessions, and workshops
- textbooks, calculators, and solution manuals available for use in the ASC.

The Academic Success Center (ASC) is located in BLRC 200. It is open Monday – Thursday from 8:00 AM to 7:00 PM and Friday from 9:00 AM to 1:00 PM. It will be closed on Saturday, Sunday and all college holidays.

In addition, the Brandon Academic Success Center (ASC) offers free tutoring Monday – Thursday from 7:00 – 8:00 PM and Saturdays from 9:00 AM – 2:00 PM. by appointments only. To make an appointment go to hccfl.mywconline.net

The phone number is 813-259-6598. The Math Lab will be open to all students on a walk-in basis, but each student will need to sign in every time they enter the lab. In order for students to receive consistent instruction. For more information, please see: <http://www.hccfl.edu/br/student-services/academic-success-center/asc-frontpage.aspx> or click on the button in CANVAS.

Also available to students is SmarThinking: a 24/7 online tutoring service provided free to students at Hillsborough Community College. For more information, go to: <https://smarthinking.hccfl.edu/index.php> or click on the button in CANVAS.

ACADEMIC DISHONESTY POLICY:

Cheating is a serious offense. The cheating policy is described in the HCC Student Handbook. Anyone caught cheating on any work that contributes to the grade in this course will be given an automatic and permanent zero for that work. If cheating occurs on an online test or the midterm or final, the grade of that test will not be will not be dropped.

REQUEST FOR ACCOMMODATION:

Any student whose disability falls within the American Disabilities Act (ADA) and requires accommodations should contact the office of services for students with disabilities. The Brandon office is located in the Student Service Building room 109. You may also reach the office by phone at (813) 253-7914. Requests for accommodations should be submitted to me within the first two weeks of the course. Accommodations cannot be applied retroactively. With that in mind, you are encouraged to seek assistance from the disabilities office as soon as possible. After receiving the accommodations memo from the Disability Office send it to me immediately using only your HCC email address. Sending a copy of the memo after the fact will not entitle you to redo work or retake exams with accommodations.

TEST CENTER INFORMATION:

Before taking the Test and the Final Exam on campus, you must email the test center to make the appointment to test AT LEAST 24 HOURS in advance of taking the test. The Brandon Test Center email address is: brtesting@hccfl.edu. Within the message of the email, you must provide the following information:

1. Your name
2. Instructor's name (Ahmady Phoulady, Hady)
3. Course Name (MAT 1033)
4. Designate if you are taking the Midterm Exam or the Final Exam)
5. Date and time you wish to take the test (Hours are: Monday & Tuesday 8:30 – 5:30, Wednesday & Thursday 8:30 – 3:00, and Friday 8:30 – 10:30)

YOU MUST BEGIN YOUR EXAMS NO LATER THAN 5:30 ON MONDAYS AND TUESDAYS, 3:00 ON WEDNESDAY AND THURSDAYS, AND 10:30 A.M. ON FRIDAYS.

You will receive an Automatic reply: Appointment - APPROVAL confirmation. The Brandon test center is located in BSSB 203.

EMAIL:

One of the personal tools offered to you is an official HCC student email address. You are expected to use this email as the primary means of communicating with me.

RECORDING OF CLASS SESSIONS:

It is not permissible to share class lectures or materials—electronically or otherwise—with anyone not registered for the same course section. Further, without express authorization, students shall not make or receive any recording of any class, co-curricular meeting, organizational meeting, or meeting with instructors.

EQUITY/EQUAL ACCESS POLICY:

Hillsborough Community College is an equal access/equal opportunity employer that makes employment and education-related decisions without regard to race, color, gender, religion, national origin, age, disability, sexual orientation, marital status or any other bias that is or may be prohibited by laws. In addition, the college does not discriminate in employment practices or in the admission and treatment of students. HCC is committed to equitable treatment for all students and employees and to learning and working environment free of discrimination and harassment for current as well as future students and employees. The college provides equal educational opportunities for qualified individuals with disabilities and complies with, as well as, supports the Americans with Disabilities Act. HCC's Equity Officer ensures compliance with federal and state laws prohibiting discrimination and sexual harassment. Employees and students who believe they have been a victim of discrimination or sexual harassment should contact: Dr. Joan B. Holmes, Special Assistant to the President for Equity and Special Programs. Her telephone number and email are: 813-253-7043, jholmes16@hccfl.edu

SAFETY AND SECURITY:

If you notice any situations while on campus that represent potential or real safety or security problems, you should notify the local campus Public Safety Office: • 253-7911 •

CLASSROOM ETIQUETTE:

- 1.) Please be on time to class and do not leave until the instructor is finished. It is very disruptive to the other students in the class when students are coming in and going out.
- 2.) If you do come in late or have to leave early sit near the door.
- 3.) Please do not come up to the desk to get any papers when you come in late. The instructor will give them to you at the end of the class.
- 4.) ***Please put all electronic equipment (cell phones, ipods, etc.) other than your calculator on vibrate mode or turned off completely. Laptops should be closed and put away. Ear phones should not be worn.***
- 5.) ***Students are not allowed to receive or send text messages during class.***
- 6.) Please do not bring food or drink into the room except for water.
- 7.) Keep talking to a minimum and only related to this class while the instructor is lecturing.

REMEMBER :

MAT 1033 OBJECTIVES
BLITZER 7th Ed. (SPRING 2017)

- I. FACTORING
 - A. Factor quadratic expressions (**Section 5.4, 5.5, 5.6**)
 - B. Factor sums and differences of cubes (**Section 5.5, 5.6**)
 - C. Factor polynomials with common factors (**Section 5.3, 5.6**)
- II. ALGEBRAIC FRACTIONS AND RATIONAL EQUATIONS
 - A. Determine values for which an algebraic fraction is undefined (**Section 6.1**)
 - B. Perform operations and express in simplest form (**Sections 6.1, 6.2, 6.3, 6.4**)
 - C. Solve rational equations (**Section 6.6**)
 - D. Solve problems involving variation (**Section 6.8**)
- III. RADICALS AND RATIONAL EXPONENTS
 - A. Express in simplest radical or rational exponent form (**Sections 7.1, 7.2**)
 - B. Perform operations (**Sections 7.3, 7.4, 7.5**)
 - C. Rationalize denominators (**Section 7.5**)
 - D. Solve radical equations (**Section 7.6**)
- IV. COMPLEX NUMBERS
 - A. Define complex numbers (**Section 7.7**)
 - B. Perform operations (**Section 7.7**)
- V. QUADRATIC EQUATIONS
 - A. Solve by factoring, taking roots, completing the square, quadratic formula (**Sections 5.7, 8.1, 8.2**)
 - B. Use the discriminate to determine the nature of the roots (**Section 8.2**)
- VI. LINEAR EQUATIONS AND INEQUALITIES IN TWO VARIABLES
 - A. Graph the solution sets (**Section 2.4**)
 - B. Find the equation given various criteria (**Section 2.5**)
 - C. Express the equation in various forms (**Section 2.5**)
- VII. SYSTEMS OF LINEAR EQUATIONS AND INEQUALITIES IN TWO VARIABLES
 - A. Solve systems of equations graphically and algebraically (**Section 3.1**)
 - B. Solve systems of inequalities graphically (**Section 4.4**)
- VIII. INTRODUCTION TO FUNCTIONS
 - A. Define function (**Section 2.1**)
 - B. Express functions numerically, symbolically, and graphically (**Sections 2.1, 2.2**)
 - C. Find domain, range, and function values (**Section 2.2, 2.3**)
- IX. ABSOLUTE VALUE EQUATIONS AND INEQUALITIES IN ONE VARIABLE
 - Solve and express solutions graphically and using interval notation (**Section 4.3**)
- X. APPLICATIONS OF THE ABOVE TOPICS (**Sections 5.7, 6.7, 3.2**)