

McLennan Community College – Mathematics Department

Math 311: Intermediate Algebra

(Sec. 07 2734: TTH 11:10 am – 12:30 pm, Room HPE 010B)

Syllabus – Fall 2009

Instructor: Dr. April K. Andreas
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Department Website: <http://www.mclellan.edu/departments/math/>

Course Website: <http://www.cleverfred.com/mcc/>

In case the school has to close due to inclement weather, please visit the school website for up to date official information at <http://www.mclellan.edu/>.

Catalog Description: Provides further study of algebraic concepts, operations, and applications to real world problems. Additional topics may include systems of linear equations and inequalities, operations with rational expressions, equations involving roots and radicals and their graphs, quadratic equations and their graphs, and further applications.

Prerequisites: THEA score between 230 and 270 or equivalent score on approved alternative test or MATH 0307 or consent of division director.

Required Textbook: *Beginning and Intermediate Algebra*, Martin-Gay, 4th edition

MyMathLab Interactive Homework: In order to access course materials through Blackboard, you will need to access CourseCompass, using MyMathLab.

1. Go to www.coursecompass.com and click on Register.
2. Enter your six-word student access code, school zip code (76708), and country.
3. Enter the Course ID: **andreas93606**.
4. Fill in the requested information, and then create your unique Login Name and Password. It's recommended that you use your email address as your login name.
5. Return to www.coursecompass.com and log in. At the Welcome page, click on the course you are taking.
6. The first time you enter the site from your computer and anytime you use a new computer, click on the software Installation Wizard on the Announcements page or on the navigational buttons on the bottom left side of the screen. This wizard will walk you through the installation of the software you will need to use the MyMathLab resources. Note: the software may already be installed in the school lab. Check with your lab administrator. Technical problems? Call Tech Support at 800-677-6337, Monday – Friday 9am – 6pm EST.

Note that we will use MyMathLab for all homework. MyMathLab also contains additional study materials that you will likely find useful.

Math Lab. Any student enrolled in this class has free access to the Math Lab, located in HPE 218. The Math Lab offers the following services:

- Computerized tutorials for each math course from Arithmetic and Prealgebra through College Algebra and Trigonometry, as well as Contemporary Liberal Arts Mathematics.
- Videos for all courses from Basic College Mathematics through Precalculus and Statistics, and for selected topics in Calculus and other subjects.
- Workshops on specific topics, which can be arranged for groups upon request.

Hours of operation are usually Monday – Thursday 8:00 am – 7:30 pm and Friday 8:00 am – 2:00 pm. Call (254) 299-8809 to confirm for particular days.

Office Hours. Unless announced otherwise, my office hours will be Monday through Thursday from 1:15 pm to 2:30 pm. You can also make an appointment to meet with me at another particular time, and are also welcome to drop by my office without an appointment. I do leave campus shortly after 2:30 pm every day, but I don't have class at all on Fridays, so that is usually a great day to come by.

Attendance. Attendance is mandatory. The class roll will be checked every day. No absences are "excused," with the exception of religious holy days as defined by the MCC attendance policy. *Per MCC policy, you will be automatically dropped after missing 20% of class meetings, or 6 classes.* If the student is dropped before the official drop date, the student will receive a grade of W. If the student is dropped after the official drop date, the student will only receive a grade of W if the student is passing. Otherwise, the student will receive a grade of F.

ADA Statement. "In accordance with the requirements of the Americans with Disabilities Act (ADA), and the regulations published by the United States Department of Justice 28 C.F.R. 35.107(a), MCC's designated ADA co-coordinators, Mr. Gene Gooch - Vice President, Finance and Administration and Dr. Santos Martinez – Vice President, Student Services shall be responsible for coordinating the College's efforts to comply with and carry out its responsibilities under ADA. Students with disabilities requiring physical, classroom, or testing accommodations should contact Mr. Marcus Sweatt, Disabilities Specialist, at 299-8122 or mwsweatt@mcclennan.edu."

Six Drop Rule: Students who enroll at MCC as entering freshman or first-time college students during the fall 2007 semester or any subsequent semester may not drop more than six courses. The six-course limit does not apply to students who were enrolled in college courses prior to the fall 2007 semester. Students who have completed a baccalaureate degree at any accredited public or private institution are not subject to the six-course limit. The sixcourse limit includes courses taken at MCC or any other Texas public institution of higher education. If a seventh drop is attempted, the student and instructor will be informed that the student must remain in the course and the student will receive a grade of A, B, C, D, F or 1. He/she will not be able to receive a W or withdrawal grade and will not be due a refund of tuition and fees. All courses dropped after the semester census date are included in the six-course limit unless (1) the student withdraws from all courses or (2) the drop is an approved drop exemption.

Academic Dishonesty: Any Student that is found guilty of academic dishonesty such as cheating, plagiarism, or collusion, will receive the zero grade on every test or assignment involved. For repeated violations, a guilty student can be assigned a failing grade in this course and can be recommended for suspension from the McLennan Community College District.

Makeup Policy and Late Assignments: No makeup tests will be given. If you miss a test due to illness / sleeping in / WoW raid, that will be the test grade which is dropped to make up your total test score. If you will miss the final due to illness or other excused absence as defined by the MCC attendance policy, you must let me know in advance in order to make up the grade. Late assignments will not be accepted. Ever.

Miscellaneous: Normally, please do not bring your children, friends, or guests to the class. (Please discuss this with me because I do not want you missing class if you cannot make child care arrangements.)

Privacy: Because of Privacy Laws, I can only discuss your grade with you, in person and in private. I can only discuss grades by e-mail if you e-mail me with your university address.

Grading Policy

Total Items	Item Type	Points Per Item	Total Points Per Item
26	Attendance	5	130
25	Homework	10	250
3	Test Reviews	20	60
2	Chapter Tests (lowest score dropped)	150	300
1	Final Exam Review	30	30
1	Final Exam	230	230
Total Points			1000

A: 900+ B: 800 – 899 C: 700 – 799 NC: 0 – 599

Attendance. You will receive 5 points for every day you attend class that we are not having a test. There are 26 total classes, for a total maximum attendance grade of 130. If you have any “excused” absences, please let me know in advance, so that I can make an appropriate adjustment to that grade. If you come in late (after I take attendance) and come see me after class, you will receive 2 points for attendance.

Homework: There will be 25 homework assignments, worth 10 points each. All assignments should be completed through Blackboard/Course Compass. You will have up to four tries to complete each problem, and your highest grade on each assignment will be recorded. Completing and understanding each problem is essential to your success in class. It is your responsibility to keep up with the assignments and to come to office hours if you need help. **DO NOT** wait until right before an exam to get help with the homework.

In the case that CourseCompass breaks down, equivalent homework assignments are listed in this syllabus and on the course website listed at the top of the first page of the syllabus. Work that would normally be turned in via CourseCompass should be turned into class the day it is due. Click the Current Classes link, and then click the Daily Assignments link to access those materials. **Even if Blackboard / CourseCompass isn't working, you are still responsible to turn in all assignments on time!** If you do not show your work on homework that is turned in on paper, you will not receive any credit. Do not turn in paper-based assignments unless there is a technical problem with getting the homework completed on CourseCompass.

Test Reviews: You will be expected to complete the associated “Chapter Test” as a test review for each of the four tests we take in class, as well as for the final exam. There are complete video solutions to each problem from the “Chapter Test” on CourseCompass. You are encouraged to watch the videos and check your answers. You should complete the assigned problems on paper and turn them in on test day. **If you do not show all your work, you will not receive any credit.**

Review #	Requirements	Due Date
Test Review 1	pg 499, Problems 1 – 27	Sep 22
Test Review 2	pg 538 – 539, Problems 1 – 22 pg 574, Problems 1 – 4, 7 – 11	Oct 13
Test Review 3	pg 641 – 642, Problems 1 – 38	Nov 10
Final Review	pg 702 – 703, Problems 1 – 23 Also, turn in all previously-taken tests, with all incorrect answers fully corrected	Dec 10

Tests: All tests will be taken in the classroom. During this time, cell phones must be put away and turned off (not on vibrate... off). The highest 2 scores of the 3 tests will be included in your final score (your lowest test grade will be dropped). No tests may be retaken. All tests must be taken with closed books and without any notes or formulas. You must complete each test during the time given. If you are late for class, you forfeit that amount of time to work.

Comprehensive Final Exam: The comprehensive final will be *Thursday, December 10*, 11:10 am – 1:10 pm. It will be taken in class. The final exam grade cannot be dropped or retaken. The exam must be taken with closed books and without any notes or formulas.

Daily Calendar

Please Note: You are responsible for everything in the sections listed in the detailed calendar below, whether or not it is actually covered in class. You should work out the examples in the book before completing your homework.

Date	We will cover...	Begin work on HW #	This HW # is Due
Aug 25	7.1	1	
Aug 27	7.2	2	1
Sep 1	7.3	3	2
Sep 3	7.4	4	3
Sep 8	7.5	5	4
Sep 10	7.6	6	5
Sep 15	7.7	7	6
Sep 17	8.1	8	7
Sep 22	Test 1		
Sep 24	8.2	9	8
Sep 29	8.3	10	9
Oct 1	9.1	11	10
Oct 6	9.2	12	11
Oct 8	10.1	13	12
Oct 13	Test 2		
Oct 15	10.2	14	13
Oct 20	10.3	15	14
Oct 22	10.4	16	15
Oct 27	10.5	17	16
Oct 29	10.6	18	17
Nov 3	10.7	19	18
Nov 5	11.1	20	19
Nov 10	Test 3		
Nov 12	11.2	21	20
Nov 17	11.3	22	21
Nov 19	11.4	23	22
Nov 24	11.5	24	23
Dec 1	11.6	25	24
Dec 3			25

Backup Assignments

Please Note: You should complete all assignments through CourseCompass. In the event that CourseCompass is not working, you may complete the following problems and turn them in on paper during class time. If you do not show your work, you will not receive credit. Do not turn in assignments on paper unless there is a significant technical problem with CourseCompass.

HW #	Chapter.Section	Problems	Due
HW1	7.1	1, 3, 7, 9, 11, 13, 15, 17, 19, 23, 25, 27, 29, 31, 41, 43, 47, 51, 53, 59	Aug 27
HW2	7.2	1, 3, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 37, 43, 49, 51, 57	Sep 1
HW3	7.3	1, 5, 9, 13, 17, 19, 21, 25, 27, 33, 39, 41, 45, 49, 51, 55, 59	Sep 3
HW4	7.4	1, 3, 9, 11, 21, 27, 29, 33, 37, 41, 47, 55, 61, 63, 65, 67	Sep 8
HW5	7.5	1, 3, 7, 9, 11, 15, 17, 21, 23, 25, 27, 33, 35, 37, 45, 47, 49, 53	Sep 10
HW6	7.6	1, 3, 7, 9, 17, 25, 29, 31, 37, 41, 43, 51, 53, 57, 63, 65, 67	Sep 15
HW7	7.7	1, 5, 7, 11, 13, 17, 21, 25, 27, 31, 35, 39, 41, 45, 47, 49	Sep 17
HW8	8.1	1, 3, 9, 11, 13, 17, 19, 27, 29, 39, 41, 43, 45, 51, 57, 59, 63, 65	Sep 24
HW9	8.2	1, 5, 7, 11, 15, 17, 19, 23, 25, 27, 29, 35, 37, 41, 47, 49, 53	Sep 29
HW10	8.3	1, 3, 7, 11, 17, 23, 31, 33, 41, 43, 45	Oct 1
HW11	9.1	1, 3, 5, 7, 9, 11, 15, 17, 23, 29, 33, 37, 41, 43, 51, 57, 61, 63, 69, 71	Oct 6
HW12	9.2	1, 3, 7, 11, 13, 17, 21, 23, 31, 35, 39, 41, 61, 65, 71	Oct 8
HW13	10.1	1, 5, 7, 15, 21, 27, 29, 33, 43, 49, 53, 55, 59, 65, 69, 71, 73, 75, 79	Oct 15
HW14	10.2	1, 5, 11, 15, 17, 21, 25, 29, 33, 37, 39, 43, 49, 55, 59, 63, 79, 95	Oct 20
HW15	10.3	1, 5, 9, 11, 15, 21, 25, 33, 49, 57, 65, 71, 73, 77, 89, 93	Oct 22
HW16	10.4	1, 5, 11, 17, 23, 27, 33, 37, 41, 45, 47, 59, 63, 67, 73	Oct 27
HW17	10.5	1, 5, 7, 13, 17, 19, 25, 31, 35, 39, 45, 49, 55, 63, 71, 73, 77	Oct 29
HW18	10.6	1, 3, 7, 9, 17, 19, 25, 31, 35, 37, 49, 53, 59, 63, 67, 69, 79	Nov 3
HW19	10.7	1, 3, 5, 7, 9, 13, 17, 19, 23, 27, 35, 45, 47, 53, 55, 57, 65, 67, 73, 75, 81, 83	Nov 5
HW20	11.1	1, 3, 7, 13, 17, 21, 25, 27, 31, 39, 47, 61, 69, 75	Nov 12
HW21	11.2	1, 3, 11, 15, 21, 23, 27, 31, 35, 39, 41, 45, 47, 49, 51, 53, 59, 65	Nov 17
HW22	11.3	1, 3, 11, 13, 17, 21, 23, 27, 33, 35, 43, 45, 49, 53, 57, 61, 65, 67, 69	Nov 19
HW23	11.4	1, 3, 7, 11, 13, 15, 19, 23, 29, 31, 35, 39, 41, 49, 51, 53	Nov 24
HW24	11.5	1, 5, 7, 11, 13, 21, 23, 27, 33, 37	Dec 1
HW25	11.6	1, 5, 11, 15, 21, 29, 35, 41, 43, 45, 49, 53	Dec 3

I reserve the right to change any term on this syllabus at any time during the semester.