

Math 1710 E05 (85967)
Fall, 2015
MW 4:00-5:20 pm & TR 4:20-5:20 pm
Dunn Hall #118

Instructor: Dr. Tsz Ho Chan

Office/Phone/Email Address: Dunn Hall 352; (901) 678-2760; tchan@memphis.edu

Office Hours: MTWR 1:05 pm – 2:05 pm or by appointment

Course Title: College Algebra **Credit:** 3 semester hours

Prerequisite: DSPM 0800 or placement by ALEKS

Required Text: *College Algebra U of M Custom Edition* (shrink wrapped with MyMathLab Code)

Authors: Beecher, Penna, Bittinger

Course Description: Analysis of functions (linear, quadratic, polynomial, root, rational, exponential, logarithmic) using TI83 Graphing Calculator; synthetic division; theory of equations; inequalities, applications.

Course Objectives: To expand the student's ability to analyze linear, quadratic, polynomial, root, rational exponential, and logarithmic functions using graphical, numerical and analytic methods. Through the use of the graphing calculator and graphical analysis and through the methods of partial fractions, synthetic division, theory of equations and inequalities to extend the student's ability to solve problems with algebraic tools in a variety of applications.

Student Population: Lower division students. This course is a prerequisite for Elementary Calculus, Trigonometry, and will fulfill a lower division mathematics requirement in some degree programs (confirm through your academic advisor).

Required Material:

- 1) Textbook *College Algebra Custom Edition for the U of M* by Beecher, Penna, Bittinger
- 2) MyMathLab Code for *College Algebra* by Beecher, Penna, Bittinger (**Course ID:** chan56651)
- 3) Headphones/Earphones for use each day in the computer lab
- 4) TI 83 or TI 84 graphing calculator
- 5) U of M ID

Email Requirements: All correspondence will be made through your **University of Memphis** email account. Check your email account each day, and don't let your "inbox" get so full that no new messages will get through.

American Disabilities Act: If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with your instructor, or if you need special arrangements in case the building must be evacuated, give me the Office for Students with Disabilities prescription form during the first week of school.

Academic Integrity: Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly, through participation or assistance, are immediately responsible to the instructor of the class in addition to other possible disciplinary sanctions which may be imposed through the regular institutional disciplinary procedures.

Extra Help Available Outside of Class Time: Free tutoring available in Dunn 143 (ask for hours).

Acknowledgement Form: Every student must sign a form acknowledging that he or she has read the syllabus and understands all the policies for this course. No one will be allowed to take the first test until this form has been completed. This form will be provided to you by your instructor.

Attendance: Every student is required to be **in attendance, on time, and stay for the entire class period** for each class session. You will work for the entire class period on the material assigned for that day or review material from the day before or preview the video for the next day's lesson. Each class meeting is reserved for working on **math**. Since attendance is part of your final grade, each absence will subtract points from your final course average.

Course Grade Policy:

90-100 average = A range

80-89 average = B range

70-79 average = C range

60-69 average = D range

Below 60 average = F

Grades will be calculated in this manner: The 3 chapter tests (with 1 dropped) will count 30% of your final grade. The final exam will count 25% of your final grade. Quizzes will count 15% of your final grade; homework will count 20% of your final grade; and attendance will count 10% of your final grade.

Homework: Homework, as listed on the course schedule which follows below, will be assigned for each section of the text. It will be completed in the lab during class time each day **or** finished outside of class **before** the listed deadline. You must come to class caught up each day. Homework must be completed before the expiration date and **you must click the "Submit Homework" button in order for it to count.**

Before the due date, you get unlimited attempts for each homework problem. Your lowest 5 homework grades will be dropped at the end of the semester.

Quizzes: There will be a total of 11 quizzes during the semester. Your lowest 3 quiz grades will be dropped at the end of the semester.

Tests: There will be 3 closed book tests as listed on the course outline below. You **must be present in class** to take each exam. You get one attempt for each test for which you are present in class to take. Your lowest Chapter Test grade will be dropped at the end of the semester. If you miss a chapter test, that is the test which will be your drop grade. The one dropped test is to take care of emergency situations which might come up in your life.

No Make-up for a missed homework assignment, since you may drop a total of 5 during the semester.

No Make-up for a missed quiz, since you may drop a total of 3 during the semester.

No Make-up for a missed test, since one chapter test grade will be dropped.

No Make-up for the Final Exam. You must be present to take this exam at the time required by the University. This time is listed on the course outline below. Put this date on your calendar now.

Test Rules:

1) There are 3 chapter tests and a final exam. Test dates are listed on the course schedule below. You must be present **in class** to take each test. You will receive one attempt at each test.

- 2) Arrive on time for each test. Any tardiness will cost you working time on the test. Bring pencils with you. You will be provided scratch paper which you must turn in at the end of the test. No other paper is allowed. You may not use any notes when you take tests. Place all belongings on the floor.
- 3) You will need to bring your TI 83 or 84 calculator.
- 4) Absolutely no cell phones allowed during testing. All cell phones must be turned off and put away out of sight during classes and tests. Use of cell phones during a test will result in academic misconduct.
- 5) No IPODS may be used during tests. Use of IPODS during a test will result in academic misconduct.
- 6) You will be allowed to review your test before you leave the lab. You may not write down any information pertaining to test questions to take with you when you leave after an exam. You may not share any test information with anyone. Violators will be charged with academic misconduct. All work done on scratch paper will be taken up before you leave the classroom.
- 7) Failure to show up for a scheduled test will result in a zero for that test. That missed test will be your drop grade (lowest one chapter test grade dropped at the end of the semester.) There is no provision for missing 2 tests.

MyMathLab Student Support Phone #: 1-800-677-6337

Turn Off All Cell Phones and put in book bag During Class

Note: This Syllabus is subject to change at the discretion of the instructor/s.

Course Outline

Aug	24	M	Enroll in MyMathLab
	25	T	R.1
	26	W	R.2
	27	R	R.3 and Quiz 1
	31	M	R.3/R.4
Sept	1	T	R.4
	2	W	R.5
	3	R	R.5 and Quiz 2
	7	M	Holiday
	8	T	R.6
	9	W	R.6
	10	R	R.7 and Quiz 3
	14	M	R.7
	15	T	1.1
	16	W	Review
	17	R	Test 1 (R.1 – R.6)
	21	M	1.2
	22	T	1.3
	23	W	1.3/1.4
	24	R	1.4 and Quiz 4
	28	M	1.5
	29	T	1.6
	30	W	2.1
Oct	1	R	2.2 and Quiz 5
	5	M	2.3
	6	T	2.4
	7	W	2.4/2.5

	8	R	2.5 and Quiz 6
	12	M	Fall Break
	13	T	Fall Break
	14	W	Review
	15	R	Test 2 (R.7 – 2.4)
	19	M	3.1
	20	T	3.2
	21	W	3.2
	22	R	3.3 and Quiz 7
	26	M	3.4
	27	T	3.4/3.5
	28	W	3.5
	29	R	4.1 and Quiz 8
Nov	2	M	4.2
	3	T	4.3
	4	W	4.3
	5	R	4.4 and Quiz 9
	9	M	4.5
	10	T	4.5/4.6
	11	W	Review
	12	R	Test 3 (2.5 – 4.4)
	16	M	5.1
	17	T	5.2
	18	W	5.3
	19	R	5.3/5.4 and Quiz 10
	23	M	5.4
	24	T	5.5
	25	W	Holiday
	26	R	Holiday
	30	M	5.5/5.6
Dec	1	T	5.6 and Quiz 11
	2	W	Review for Final Exam

Final Exams:

Section E05 - Tuesday, December 8 – 4:00 pm – 6:00 pm

No Makeups for Final Exam