Fast Track Math 1710
Spring, 2016
Section E01: MW 8:00 – 8:55 am TR 8:00 – 9:25 am
Section E02: MW 9:10 – 10:05 am TR 9:40 – 11:05 am
Wireless Environment: Must Provide Your Own Laptop

Course Title: College Algebra/Intermediate 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/Addison Wesley (Red cover)

Meeting Place: Dunn Hall 124   **Instructor:** Mrs. Janet Pitts

Office/Phone/Email Address: Dunn Hall #356, jgpitts@memphis.edu
Office hours: MTWR - 7:45am – 8:00 am DH124
                        MW – 10:10 am – 11:00 am DH356

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).

Methods: This course is taught in a computer lab and will be delivered online through MyMathLab. The code for *mymathlab.com* is sold shrink wrapped with your text. A student will begin each text section by viewing a video online and by viewing online sample problems if needed. The instructor will deliver short lectures as needed. Homework, quizzes and tests are all online and are delivered through MyMathLab. You must be **in class** to take each test as listed on the syllabus.

Required Material:
1) Laptop brought to class every day
2) Textbook *College Algebra Custom Edition for the U of M* by Beecher, Penna, Bittinger
3) MyMathLab Code for *College Algebra* by Beecher, Penna, Bittinger (included with text price)
4) Headphones/Earphones for use each day in the computer lab
5) TI 83 or TI 84 graphing calculator
6) U of M email account

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.

Extra Help Available Outside of Class Time:
1) Free tutoring available in Dunn 143 Monday - Friday

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
80-89 average = B
70-79 average = C
60-69 average = D
Below 60 average = F

Grades will be calculated in this manner: The 6 chapter tests will each count 100 points each.   The 100-point final exam will count twice. Tests will count 65% of your final grade; quizzes will count 15% of your final grade; homework will count 15% of your final grade; and attendance will count 5% 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 next class period. You must come to class caught up each day. Before the due date, you get unlimited attempts for each homework problem. Your lowest 4 homework grades will be dropped at the end of the semester.

Quizzes: There will be a total of 14 open book quizzes during the semester. You must complete them in class **or** out of class before the expiration dates which will be given. You may have 5 attempts on each quiz. Your lowest 2 quiz grades will be dropped at the end of the semester. **Note: You will not be given help on your quizzes or tests. But you may get tutoring for a quiz *after* you take the first attempt and *before* you take the other attempts.**

Tests: There will be 6 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. Your comprehensive Final Exam will count twice.

No Make-up for a missed homework assignment, since you may drop a total of 4 during the semester.
No Make-up for a missed quiz, since you may drop a total of 2 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 6 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.
8) Once you open the online test, you may not leave that page. Violators will be charged with academic misconduct for opening any other web site while the test is open or sending or receiving email.

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.

Course Outline

January	19	T	Enroll in MyMathLab, R.1
	20	W	R.1
	21	R	R.2 and QUIZ 1
	25	M	R.3
	26	T	R.4 and QUIZ 2
	27	W	Review
	28	R	Test 1 (R.1 – R.4)
February	1	M	R.6
	2	T	R.6
	3	W	R.7 and QUIZ 3
	4	R	R.7
	8	M	R.5
	9	T	R.5 and QUIZ 4
	10	W	Review
	11	R	Test 2 (R.5 – R.7)
	15	M	1.1
	16	T	1.2

	17	W	1.3 and QUIZ 5
	18	R	1.4
	22	M	1.5
	23	T	1.6 and QUIZ 6
	24	W	Review
	25	R	Test 3 (Chapter 1)
	29	M	2.1
March	1	T	2.2 and QUIZ 7
	2	W	2.2
	3	R	2.3
	7-13		SPRING BREAK
	14	M	2.4
	15	T	2.5 and QUIZ 8
	16	W	Review
	17	R	Test 4 (Chapter 2)
	21	M	3.1
	22	T	3.2 and QUIZ 9
	23	W	3.3
	24	R	3.3/3.4
	28	M	3.4/3/5
	29	T	3.5 and QUIZ 10
	30	W	Review
	31	R	Test 5 (Chapter 3)
April	4	M	4.1
	5	T	4.2
	6	W	4.3 and QUIZ 11
	7	R	4.4
	11	M	4.5
	12	T	4.6 and QUIZ 12
	13	W	Review
	14	R	Test 6 (Chapter 4)
	18	M	5.1
	19	T	5.2/5.3 and QUIZ 13
	20	W	5.4
	21	R	5.5
	25	M	5.6
	26	T	Review
	27	W	Review for FINAL EXAM

FINAL EXAMS   Sec E01 Friday – APRIL 29 - 8:00 am – 10:00 am
Sec E02 Friday – APRIL 29 - 10:30 am – 12:30 pm