Fast Track Math 1710
Spring, 2015
Section 015: MW 2:20pm - 3:15pm TR 2:40pm - 4:05pm
Section 013: MW 12:40pm-1:35pm   TR 1:00pm-2:25pm

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 MyLabsPlus Code)
Authors: Beecher, Penna, Bittinger/Addison Wesley

Meeting Place: Dunn Hall 124 Monday, Tuesday, and Wednesday   **Instructor**: Scotty Houston
             Dunn Hall 118 Thursday

Office/Phone/Email Address: Dunn Hall 374/ (901)678-1757/ sghoustn at memphis dot edu
Office Hours: MW 1:35-2:15 in Dunn Hall 124 and by Appointment

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 lecture hall/computer lab and will be delivered online through MyLabsPlus. The code for *MyLabsPlus* 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. Homework, quizzes and tests are all online and are delivered through MyLabsPlus. You must be **in class** to take each test as listed on the syllabus.

Required Material:
1) Textbook *College Algebra Custom Edition for the U of M* by Beecher, Penna, Bittinger
2) MyLabsPlus Code for *College Algebra* by Beecher, Penna, Bittinger (included with text price)
3) Calculator (no TI-89, TI-Inspire or computer algebra systems allowed) If there are questions about your calculator, please see me.
4) 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.

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

Attendance: Every student is required to be **in attendance**, **on time,** and **stay for the entire class period** for each class session. 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 55% of your final grade; quizzes will count 15% of your final grade; homework will count 20% of your final grade; attendance counts 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. 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 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 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 may not use any notes when you take tests. Place all belongings on the floor.
3) You will need to bring your own 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 share any test information with anyone. Violators will be charged with academic misconduct.
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	M	MLK, Jr. Holiday
	20	T	**Enroll in MyLabsPlus, R.1**
	21	W	**R.1-R.2**
	22	R	**R.2, Quiz 1**
	26	M	**R.3**
	27	T	**R.3/R.4, Quiz 2**
	28	W	**Review**
	29	R	**Test 1 (R.1-R.4)**
February	2	M	**R.6**
	3	T	**R.6, R.7, Quiz 3**
	4	W	**R.7**
	5	R	**Lab Day**
	9	M	**R.5**
	10	T	**R.5, Quiz 4**
	11	W	**Review**
	12	R	**Test 2 (R.5-R.7)**
	16	M	**1.1**
	17	T	**1.2**
	18	W	**1.3, Quiz 5**
	19	R	**Lab Day**
	23	M	**1.4**
	24	T	**1.5-1.6, Quiz 6**
	25	W	**Review**
	26	R	**Test 3 (Chapter 1)**
March	2	M	**2.1**
	3	T	**2.2**
	4	W	**2.2 and Quiz 7**
	5	R	**Lab Day**
	9	M	**Spring Break**
	10	T	**Spring Break**
	11	W	**Spring Break**
	12	R	**Spring Break**
	16	M	**2.3-2.4**
	17	T	**2.4-2.5, Quiz 8**
	18	W	**Review**

	19	R	Test 4 (Chapter 2)
	23	M	3.1
	24	T	3.2, Quiz 9
	25	W	3.3
	26	R	Lab Day
	30	M	3.4-3.5
	31	T	3.5 and Quiz 10
April	1	W	Review
	2	R	Test 5 (Chapter 3)
	6	M	4.1
	7	T	4.2
	8	W	4.3, Quiz 11
	9	R	Lab Day
	13	M	4.4-4.5
	14	T	4.5-4.6, Quiz 12
	15	W	Review
	16	R	Test 6 (Chapter 4)
	20	M	No Class
	21	T	5.1-5.2
	22	W	5.2-5.3, Quiz 13
	23	R	Lab Day
	27	M	5.4
	28	T	5.5, Quiz 14
	29	W	Review for Final Exam

Final Exams:
Section 015-- Wednesday, 6 May 2015, 1pm-3pm
Section 013-- Wednesday, 6 May 2015, 10am-12pm

There are No Makeups for the Final Exam, and you MUST take the exam with your class.