

Extended syllabus for Beginning and Intermediate Algebra Online MATH 0003 Spring 2016

REQUIRED MATERIALS: ALEK'S software, TI-84 or below (if you can **NOT** afford ALEKS at the moment please contact your instructor ASAP to determine if you qualify for temporary 14 day access)

COURSE COORDINATOR: Gretchen Scroggin; gmthomps@uark.edu

PURPOSE: To provide the essential prerequisite skills to take College Algebra.

MASTER SYLLABUS: You are responsible for reading the MRTC Master Syllabus. Download and print the Master Syllabus. You are responsible for knowing the material on the Master Syllabus.

Note: You will be using different software. You will be using the ALEK'S software located at ALEKS.com. You can find support at ALEKS.com if you have any issues.

HOMEWORK: Your pie chart will count as your homework. You can find your pie chart on ALEK'S. There will be 4 homework grades. One homework grade is due for each Unit. You will have until the end of the semester to work on homework. Your pie will close May 5, 2016.

TIME: You are expected to spend 3 hours a week working in ALEKS. The amount of time you spend in ALEKS will count as a grade. Each week a grade will be placed in the gradebook based on if you have spent the required 3 hours. You can utilize the Teaching Center located in Champions Hall 326. You are not required to complete homework in Champions Hall but the tutors there can be referenced when you have a question. You may have to spend more than 3 hours a week to complete the homework.

ONLINE ASSESSMENTS: There are two types of Assessments. You should complete the assessments to the best of your ability. The assessments are used to customize your homework. So what you do not know will be placed in your homework for you to complete.

PROGRESS ASSESSMENTS: These assessments are random and count as your quizzes. They are not worth a grade but you **MUST** complete them to be able to work on your pie. If you do poorly on one of these quizzes more homework problems will be assigned to you.

COMPREHENSIVE ASSESSMENTS: You be assigned 4 comprehensive assessments and an initial assessment. The comprehensive assessments count as your tests. You will be tested over the whole pie. The questions you get wrong will be placed in your pie for you to complete. Please note in this test you may see questions you have not covered in your homework.

TEST 1: 225 topics need to be complete (Unit 1 topics in the homework)

TEST 2: $225+63=288$ topics need to be complete (Unit 1 and Unit 2 topics in the homework)

TEST 3: $225+63+131=419$ topics need to be complete (Unit 1, Unit 2 and Unit 3 in the homework)

TEST 4: $225+63+131+50=469$ topics need to be complete (Unit 1, Unit 2, Unit 3 and Unit 4 in the homework)

INITIAL ASSESSMENT: The initial assessment is a comprehensive assessment taken when you first log into ALEKS (all of your tests will be similar to this initial assessment). You should complete this to the best of your ability. The questions that you get wrong or don't know will be used to create your future assignments. This test is not worth a grade, but you should try your best. What questions you get incorrect will be placed in your pie for homework.

TESTING: There will be 4 comprehensive assessments. These assessments will be graded based on the number of expected topics. For example if you score 113 topics on test 1, then your grade will be $113/225=50\%$. The tentative testing dates are below. There will also be a STATE EOC. It is mandatory that you take the EOC exam. All tests and the EOC must be taken using Proctor-U. Proctor-U requires a stable broadband connection, a webcam, a microphone, and speakers/headphones. You will take your exam online under the supervision of a proctor who will verify your ID, supervise you through your webcam, and monitor your computer screen. Step by step instructions for utilizing this service can be found at: <http://tips.uark.edu/proctor-u-instructions-for-students/>

MAKE-UPS QUIZZES/TESTS: There are no make-ups for the quizzes or tests. If you miss a test or are going to miss a test contact your instructor immediately to determine if something can be worked out. Letting your instructor know before is better than after.

EOC EXAM: You will receive up to three (3) attempts at the EOC exam on the specific dates shown below. The EOC exam must be taken using Proctor-U (see the above link) on the dates listed below.

TENTATIVE DEADLINE FOR TEST:

Test #1: Wednesday, 2/17-Friday, 2/19

Test #2: Wednesday, 3/16-Friday, 3/18

Test #3: Wednesday, 4/13-4/15

Test #4: Tuesday, 5/3-Thursday, 5/5

EOC EXAM: Saturday, 5/8-Wednesday 5/11

JOURNALS: You will receive a participation grade based on the Journals in Blackboard. If you miss a journal you can choose to do two of the worksheets found on ALEKS. These worksheets come with answers. It will be up to you to show ALL of you work to get points for your missed journal.

TENTATIVE SCHEDULE: Your course material is split up into 4 units. You can find notes on each unit in Blackboard, learn.uark.edu. The notes are split up into weeks. Feel free to work ahead of the designated week. After reading the lesson notes in Blackboard you are expected to complete the following items for EACH weekly lesson. If you are having problems with an assignment or are stuck on a problem, you should use the Discussion Board on Blackboard to get help from your peers. Each week you are expected to complete the following:

1. Lesson journal: The lesson journal is a short answered question based on the material notes found in the blackboard, learn.uark.edu. This short answer question will also be located in blackboard.
2. Lesson Homework: Complete the part of the pie that the material covers
3. Time Requirement: You are required to spend at least 3 hours a week working in ALEKS.

WEEK	DATES	MATERIAL TO COVER
1	1/19-1/22	The Basics (order of operations, operations with real numbers, intro to the number line)
2	1/25-1/29	Linear Equations and Word Problems
3	2/1-2/5	Linear Inequalities and Compound Inequalities
4	2/8-2/12	Absolute value equations and inequalities
5	2/15-2/19	Review for Test 1, Test 1
6	2/22-2/26	Intro to graphing, relations, linear equations
7	2/29-3/4	Function Notation
8	3/7-3/11	Properties of Quadratics and graphing Quadratics
9	3/14-3/18	Review for Test 2, Test 2
10	3/21-3/25	SPRING BREAK
11	3/28-4/1	Exponents and Factoring
12	4/4-4/8	Rational Expressions
13	4/11-4/15	Review for Test 3, Test 3
14	4/18-4/22	Radicals
15	4/25-4/29	Solving Quadratic Equations
16	5/2-5/5	Review for Test 4, Test 4
Finale Exam Week		EOC (up to 3 attempts highest grade taken)

DETERMINATION OF YOUR GRADE: Your grade is determined by your scores on the 4 tests, the EOC and homework assignments, time, topics completed and participation grades. Your instructor will upload the participation grades into ALEKS at the end of the semester. The final letter grade is based on the following percentage scale:

A = 90.0%-100%; B = 80.0%-89.9%; C = 70.0%-79.9%; D = 60.0%-69.9%; F = 0-59.9%

The breakdown of grades for this course is shown below:

Time	10%
Homework (PIE CHART)	12%
Test 1 (CUMULATIVE TEST)	5%
Test 2 (CUMULATIVE TEST)	8%
Test 3 (CUMULATIVE TEST)	12%
Test 4 (CUMULATIVE TEST)	15%
Meeting with instructor after test 2	2%
Projects	7%
Participation/Journal	8%
EOC Exam	20%
Course Entry Quiz	1%

NOTE: The instructor reserves the right to make changes to this Syllabus during the semester. An email notification will be sent out if changes are made. LAST EDITED: 1/14/16