

**Extended syllabus for Beginning and Intermediate Algebra  
MATH 0003 Fall 2015**

**COURSE NAME:** Beginning and Intermediate Algebra (MATH 0003)

**REQUIRED SOFTWARE:** ALEKS software

**REQUIRED MATERIALS:** TI-84 or below

**COURSE COORDINATOR:** Gretchen Thompson; [gmthomps@uark.edu](mailto: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 the Master Syllabus and keep it handy.

Note: You will be using different software. You will be using the ALEK'S software.

**CLASS TIME:** This class meets 3 days a week. You are expected to come to class every day. Attendance will be taken daily and will take part in the calculation of your grade.

**HOMEWORK:** Your pie chart will count as your homework. You can find your pie chart on ALEK'S. There will be 5 homework grades due with each test. The homework grades is based on how many topics you need completed by the Test. See below for the amount of topics needed for each test.

**TIME:** You are expected to spend 4 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 4 hours. You can utilize the Teaching Center located in Champion Hall 326.

**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 you pie. If you do poorly on one of these quizzes more homework problems will be assigned to you.

**COMPREHENSIVE ASSESSMENTS:** You will have 5 comprehensive assessments and an initial assessment. The comprehensive assessments count as your tests. You are required to have a certain amount of your pie complete by each assessment. If you have more than the required topics completed then it will be easier it will be to get a 100% on the test. If you have less than the required topics your test grade will be lowered accordingly.

TEST 1: 272 topics need to be complete (60%); Whole Numbers (yellow), Fractions (light orange), Decimals Proportions and Percents (dark orange), Geometry Measurement and Data Analysis (pink), Real Numbers (purple), Linear Equations and Inequalities (dark purple), part of Lines Functions and Systems (dark blue), part of Exponents and Polynomials (blue)

TEST 2: 339 topics need to be complete (75%); Finish everything missed from test 1, part of Lines Functions and Systems (dark blue), part of Exponents and Polynomials (blue)

TEST 3: 385 topics need to be complete (85%); Finish everything missed from test 2, Rational Expressions (light blue), Radicals (green)

TEST 4: 430 topics need to be complete (95%); Finish everything missed from test 3, Quadratics (light green)

TEST 5: 452 topics need to be complete (100%); Finish everything missed from test 4

**INITIAL ASSESSMENT:** The initial assessment is a comprehensive assessment given when you first log into ALEKS. You should complete this to the best of your abilities. 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. The assessment must be taken in Champions Hall Testing Center.

**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. Letting your instructor know before is better than after.

**TESTING:** There will be 5 comprehensive tests. These tests must be completed on the scheduled days in Champions Hall Testing Center 3. These tests will be graded based off of the number of expected topics. For example if you score 113 topics on test 1, then your grade will be  $113/272=42\%$ . The tentative testing dates are below. There will also be a STATE EOC. It is mandatory that you take the EOC exam.

**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 on the computer in the testing center located in Champions Hall.

Note: The exam times for this course are not based on the time the class meets. Only the highest score will count if you choose to make multiple attempts. You must show your university issued ID in order to take the exam.

**TENTATIVE DEADLINE FOR TEST:**

Test #1: Thursday, 9/17; Friday, 9/18

Test #2: Sunday, 10/11; Monday, 10/12;

Test #3: Thursday, 10/29; Friday, 10/30

Test #4: Monday, 11/30; Tuesday, 12/1; Wednesday, 12/2

Test #5: Wednesday, 12/9

EOC EXAM: Monday, 11/16; Friday, 12/4; Sunday, 12/6

**PARTICIPATION:** Attendance is required for the traditional class meetings and attendance will be taken EVERY day. Participation counts toward your final grade. If you are absent, it is your responsibility to check the due dates for any online course work that is due in addition to anything that your instructor may have assigned. You can expect a variety of participation work that will be graded and count toward your final grade.

**DETERMINATION OF YOUR GRADE:** Your grade is determined by your scores on the four tests, the EOC and the remaining percentage is determined by your scores on the 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)	20%
Test 1 (CUMULATIVE TEST)	8%
Test 2 (CUMULATIVE TEST)	8%
Test 3 (CUMULATIVE TEST)	8%
Test 4 (CUMULATIVE TEST)	8%
Test 5 (CUMULATIVE TEST)	8%
Project	5%
Participation	5%
EOC Exam	20%

NOTE: The instructor reserves the right to make changes to this Syllabus during the semester.