**COURSE:** Math 212-22 Beginning Algebra    **QUARTER**:    Spring 2018
**DAY:**    MW                              **INSTRUCTOR:**    Millia Ison
**TIME**:    1:30 - 3:45p             **OFFICE PHONE:**    864-5659
**E-mail**:    isonmillia@fhda.edu        **OFFICE NUMBER:**   S76E

**OFFICE HOUR**: MTWTh: 6:20 – 7:10p

**COURSE PREREQUISITES:** Math 210 or equivalent math preparation (Pre algebra).
**TEXT:**        Site license for ALEKS. Here is the link to purchase:
                 http://shop.mcgraw-hill.com/mhshop/productDetails?isbn=007783996X
                 About $50. **COURSE CODE:** 9NRLL-4W3LY

**OTHER MATERIALS:** Two notebooks, one for notes, and one for homework
                             Earphones or ear buds to block out noises of other people's
                             Discussions

**GRADING:**

| | | | |
|---|---|---|---|
| 7 Modules ----------------------150 points | A: 90% - 100 % | 900 – 1000 points. |
| Quizzes -------------------------250 points | B: 80% - 89 % | 800 – 899 points. |
| 3 tests -------------------------- 300 points | C: 70% - 78 % | 700 – 799 points. |
| Final exam ---------------------300 points. | D: 60 % - 69 % | 600 – 699 points. |
| Total--------------------------1000 points | F: 0 % - 59 % | 0 – 599 points. |

**TESTS:**       Test 1 on module 1 and 2. Test 2 on module 3 and 4. Test 3 on module 5 and 6
                Last day to take each test is listed on the calendar the next page.

**FINAL EXAM**: <mark>June 25 Monday</mark>, 1:45p – 3:45p
                 Final exam covers all 7 modules
                 Fail to take the final exam, you will receive "F" for your grade.

**IMPORTANT NOTES :**
- Tests and Final exam are to test your understanding course materials. Cheating of any form on tests, midterm exams or final exam will be grounds for disciplinary action.
- No make-ups for quizzes. Absences are counted as 0's. Your 2 lowest quiz grades will be dropped.
- No make-up midterm exams. Absences are counted as 0's. For special circumstances, the percent of your final exam score will be replaced for the missed midterm exam. You must contact me before or on the day of the exam.
- You are **NOT** allowed to use notes for tests or final exam.

**IMPORTANT DATES:** Sunday, April 22 --- Last day to drop without grade on your record.
                                Friday, June 1 --- Last day to drop with a "W".
**ATTENDANCE**:      Regular attendance is required. Frequent absences will result in a "W" or "F" for the class. The last day for you to drop the class is <mark>June 1</mark>. After that day, you will receive a grade.

| | Topic |
|---|---|
| Mod #1 | Real numbers and Algebraic Expressions |
| Mod #2 | Linear Equations and Inequalities |
| Mod #3 | Lines and Functions |
| Mod #4 | Systems of Linear Equations |
| Mod #5 | Exponents and Polynomials |
| Mod #6 | Radicals |
| Mod #7 | Quadratic Equations and Functions |

The course material is online. Once you have purchased the web site license, together with the class code, listed on the previous page, you will be able to access the topics and to do homework(modules).

Attendance is required. Lecture is about 55 minutes. The second part of the class time you will practice your module problems in Room S42. You will take a quiz on the problems covered in the lecture before the end of the class.

Your homework is to continue work on your module problems. You will earn points for topics finished, and earn a total of 150 points if you complete all topics on or before June 24, 11:59pm.

You are allowed to take tests and the final twice on the same day, the best score will be recorded.

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| April | 9<br>Introduction<br>Module 1 | 10 | 11<br>Module 1 | 12 | 13 |
| April | 16<br>Module 2 | 17 | 18<br>Module 2 | 19 | 20 |
| April | 23<br>Test 1 | 24 | 25<br>Module 3 | 26 | 27 |
| April<br>May | 30<br>Module 3 | 1 | 2<br>Module 3 | 3 | 4 |
| May | 7<br>Module 3 | 8 | 9<br>Module 4 | 10 | 11 |
| May | 14<br>Module 4 | 15 | 16<br>Test 2 | 17 | 18 |
| May | 21<br>Module 5 | 22 | 23<br>Module 5 | 24 | 25 |
| May<br>June | 28<br>Memorial Day<br>Holiday | 29 | 30<br>Module 5 | 32 | 1<br>Last day to drop with a "W" |
| June | 4<br>Module 5,6 | 5 | 6<br>Module 6 | 7 | 8 |
| June | 11<br>Test 3 | 12 | 13<br>Module 7 | 14 | 15 |
| June | 18<br>Module 7 | 19 | 20<br>Module 7 | 21 | 22 |
| June | 25<br>Final<br>1:45p – 3:45p | 26 | 27 | 28 | 29 |

**Student Learning Outcome(s):**

*Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.
*Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.
*Demonstrate an appreciation and awareness of applications in their daily lives.