

COURSE: Math 114-33 Intermediate Algebra **QUARTER:** Winter 2017
DAY: MW **INSTRUCTOR:** Millia Ison
TIME: 4:00 - 6:15p **OFFICE PHONE:** 864-5659
E-mail: isonmillia@fhda.edu **OFFICE NUMBER:** S76E
OFFICE HOUR: MTuWTh: 6:20 – 7:10p

COURSE PREREQUISITES: Math 212 or equivalent math preparation (Beginning 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:** LTCJL-KKE3J

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

SLO: 1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
 2. Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical and written.

GRADING:

| | | |
|-----------------------------|----------------|--------------------|
| 7 Modules -----250 points | A: 90% - 100 % | 900 – 1000 points. |
| Quizzes -----150 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, 2 and 3. Test 2 on module 4 and 5. Test 3 on module 6 and 7
 Last day to take each test is listed on the calendar the next page.

FINAL EXAM: Final exam is **March 29 Wednesday**, 4:00p – 6:00p

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, January 22 --- Last day to drop without grade on your record.
 Friday, March 3 --- 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 March 3. After that day, you will receive a grade.

Math 114-33

Winter 2017 Calendar

MW 4:00 – 6:15p

Room S45 Lab S42

| | Topic | | Monday | Tuesday | Wednesday | Thursday | Friday |
|--------|--|-----|----------------------------|---------|-----------------------|----------|-----------------------------|
| Mod #1 | Linear Equations & Inequalities | Jan | 9 | 10 | 11 | 12 | 13 |
| Mod #2 | Exponents and Polynomials | | Introduction | | Module 1 | | |
| Mod #3 | Rational Expressions | | Module 1 | | | | |
| Mod #4 | Radicals | Jan | 16 | 17 | 18 | 19 | 20 |
| Mod #5 | Functions Operations and Inverse Functions | | MLK Bday | | Module 1,2 | | |
| Mod #6 | Exponential and Logarithmic Functions | | Holiday | | | | |
| Mod #7 | Circles / Sequence & Series | Jan | 23 | 24 | 25 | 26 | 27 |
| | | | Module 2, 3 | | Module 3 | | |
| | | Jan | 30 | 31 | 1 | 2 | 3 |
| | | Feb | Module 3 | | Module 3, 4 | | |
| | | Feb | 6 | 7 | 8 | 9 | 10 |
| | | | Test 1 | | Module 4 | | |
| | | Feb | 13 | 14 | 15 | 16 | 17 |
| | | | Module 4 | | Module 4, 5 | | Presidents' Day Holiday |
| | | Feb | 20 | 21 | 22 | 23 | 24 |
| | | | President's day Holiday | | Module 5 | | |
| | | Feb | 27 | 28 | 1 | 2 | 3 |
| | | Mar | Test 2 | | Module 6 | | |
| | | Mar | 6 | 7 | 8 | 9 | 10 |
| | | | Module 6 | | Module 6 | | Last day to drop with a "W" |
| | | Mar | 13 | 14 | 15 | 16 | 17 |
| | | | Module 7 | | Module 7 | | |
| | | Mar | 20 | 21 | 22 | 23 | 24 |
| | | | Module 7 | | Test 3 | | |
| | | Mar | 27 | 28 | 29 | 30 | 31 |
| | | | | | Final 4:00 – 6:00p | | |

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 250 points if you complete all topics on or before **March 27**.

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