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|---|---|---|---|
| **COURSE**: | Math 114-22 Intermediate Algebra | **QUARTER**: | Spring 2019 |
| **DAY**: | TuTh | **INSTRUCTOR:** | Millia Ison |
| **TIME**: | 1:30 - 3:45 p | **OFFICE PHONE:** | 864-5659 |
| **E-mail**: | isonmillia@fhda.edu | **OFFICE NUMBER:** | S76E |

**OFFICE HOUR**: MW: 12:30 – 1:20 pm; TuTh: 6:20 – 7:10 pm.
**COURSE PREREQUISITES:** Math 212 or equivalent math preparation
**TEXT:** Site license for ALEKS. Here is the link to purchase:
http://shop.mcgraw-hill.com/mhshop/productDetails?isbn=007783996X
About $50. **COURSE CODE:** T66WR-TEYKJ


**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:**

| | | | |
|---|---|---|---|
| 6 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, 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**: June 25, Tuesday, 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. If the percent of your final exam score is higher than some of your exams, it will replace the lowest exam score. It can only replace one out of 3 exams.
- You are **NOT** allowed to use notes for tests or final exam.

**IMPORTANT DATES:** Sunday, April 21 --- Last day to drop without grade on your record.
Friday, May 31--- 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 May 31. After that day, you will receive a grade.

| | Topic |
|---|---|
| Mod #1 | Linear Equations & Inequalities |
| Mod #2 | Exponents and Polynomials |
| Mod #3 | Rational Expressions |
| Mod #4 | Radicals |
| Mod #5 | Functions Operations and Inverse Functions |
| Mod #6 | Exponential and Logarithmic Functions |
| Mod #7 | Circles / Sequence & Series |

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.

<span style="color:red">Homework due: June 24, 11:59 pm.</span>

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** | 8 | 9 Introduction Module 1 | 10 | 11 Module 1 | 12 |
| **April** | 15 | 16 Module 1,2 | 17 | 18 Module 3 | 19 |
| **April** | 22 | 23 Module 3 | 24 | 25 Module 3 | 26 |
| **April May** | 29 | 30 Module 4 | 1 | 2 Test 1 | 3 |
| **May** | 6 | 7 Module 4 | 8 | 9 Module 4 | 10 |
| **May** | 13 | 14 Module 4, 5 | 15 | 16 Module 5 | 17 |
| **May** | 20 | 21 Module 5 | 22 | 23 Test 2 | 24 |
| **May** | 27 Memorial Day **Holiday** | 28 Module 6 | 29 | 30 Module 6 | 31 Last day to drop with a "W" |
| **June** | 3 | 4 Module 6 | 5 | 6 Module 7 | 7 |
| **June** | 10 | 11 Module 7 | 12 | 13 Module 7 | 14 |
| **June** | 17 | 18 Module 7 | 19 | 20 Test 3 | 21 |
| **June** | 24 | 25 Final 1:45 – 3:45p | 26 | 27 | 28 |

**Student Learning Outcome(s):**

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
*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.