Mariya Yershova	**01302 Math 114.-04**	**Room MLC260**
	Wnter 2016	**8:30 − 9:20 am**

Required Text: Robert Blitzer, "Intermediate Algebra".

Calculator: A scientific calculator is required. A graphing calculator is recommended. You may not use your cellphone as a calculator. Any calculators that can do symbolic mathematics such as TI-89 or HP-49 are not allowed on tests.

Office Hours: Monday, Tuesday, Wednesday, and Thursday 9:30-10:00 am, room S43

Tutorial Center: S43

Email Address: yershovamariya@fhda.edu

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or MATH 212 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Student Learning Outcomes: 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, formulaic, numerical, and written.

Course Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real life applications and interpretation of their characteristics.

Course content: Course topics will include

1. Rational expressions and functions
2. Inverse relations and inverse functions
3. Exponential functions and models
4. Logarithmic functions and models
5. Distance between two points in a plane
6. Conic sections
7. Sequences and series

Class rules: You are expected to attend class every day. If you are not able to attend, you should contact me by email as soon as possible and state the reason. The students are responsible for any material covered and any announcements made in their absence. Material not discussed in the text is often covered. Private conversations during class are not permitted. Cell phones, tablets, laptops and other electronic devices should not be used, seen or heard during class time. If I see or hear your cell phone or you using it during class time, I confiscate it until the end of that class meeting. Cheating is not tolerated. If a student is found cheating, he or she will receive a failing grade for the course and may be reported to the college.

Important dates: Monday, Jan. 9 - First day of the quarter.

Monday, Jan. 16 - No class. Observance of Martin Luther King's Birthday.

Saturday, Jan. 21 - Last day to add.

Sunday, Jan. 22 - Last day to drop with no record of grade.

Friday, Feb. 3 - Last day to request pass/no pass grade.

Friday-Monday, Feb. 17-20 - No classes: Presidents' Day Weekend.

Friday, March 3 - Last day to drop with a "W".

It is your responsibility to drop the course officially, if you decide that you do not want to continue with the course.

Wednesday, March 28 - final exam

Testing: There will be around 8 training tests (10 points each) and 3 major tests (100 points each). Major tests contain the material of previous training tests only. Calculators are not used during tests. Two make-ups for missed tests are allowed during the quarter and should be done during my office hours. It is your responsibility to notify me via e-mail the day of the missed test to make arrangements for a make-up. You also can ask me for a permission to redo a test for a higher grade during my office hours. The permission is not guaranteed. The final exam is Wednesday, March 28, 7 a.m.- 9 a.m.

Homework: Written homework will be assigned each day and collected the next class meeting. It will be corrected and returned to you. Homework is the basis of learning and preparing for tests. That is why you must return the homework related to the material of a training test at least two days before the test. If this requirement is not met, but you receive 9 or 10 for the training test, that grade will be accepted. If the homework is not returned two days before the test and the grade for the training test is lower than 9, that grade will be substituted with a zero.

Grading: Your grade will be based on the following:

Training tests	80 points
Tests	300 points
Final exam	150 points
Total	530 points

The grading scale is:

Percentages	Grade
$86 - 100$	A
$76 - 85$	B
$66 - 75$	C
$52 - 65$	D
Below 52	F

Have a great quarter to all!