Mariya Yershova   **44510 MATH-041.-04**   **Room MCC13**
Spring 2017   **8:30 − 9:20 am**

Precalculus I: Theory of Functions

Required Text: Ron Larson, Precalculus with Limits (3rd edition). We will not be using WebAssign in this class.

Calculator: TI-83 Plus/TI-84 Plus calculator 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 exams and quizzes.

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

Tutoring Center: S43

Email Address: yershovamariya@fhda.edu

Prerequisite MATH 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Course Description: Polynomial, rational, exponential, and logarithmic functions and equations, conic sections.

Student Learning Outcomes: Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations. Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

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. 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, April 10 - First day of the quarter.
Saturday, April 22 - Last day to add.
Sunday, April 23 - Last day to drop with no record of grade.
Friday, May 5 - Last day to request pass/no pass grade.
Monday, May 29 - No class: Memorial Day Weekend.
Friday, June 2 - 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, June 28, 7:00-9:00 am - final exam

Testing: There will be around 8 quizzes that can be considered as training tests (10 points each) and 3 major tests (100 points each). Major tests contain the material of previous quizzes only. Calculators are not used during tests. Two make-ups for missed tests are allowed during the quarter and should be taken 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.

Homework: Written homework will be assigned each day and collected the next class meeting. It will be partially corrected and returned to you. You are required to study all corrections in your homework the same day and redo all problems from the homework I ask you to redo. Homework is the basis of learning and preparing for tests. That is why you are required to turn in the homework related to the material of each test at least two days before the test. If this requirement is not met, but you receive 90 to 100% of the points for the test, that grade will be accepted. If the homework is not turned in two days before the test and the grade is lower than 90%, 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!