Math 31 Precalculus (Section 43) **Winter Quarter 2023**
Instructor: William Abb **Room: S-16**
Office Hours: 8:45-9:15 Room S-16 **Mon/Wed 6:30-8:45**
E-Mail: abbwilliam@fhda.edu

Textbook: Precalculus with Limits, 5th edition, by Larson

Materials: A scientific calculator is required. A TI-83 or TI-84 calculator is recommended.

Quizzes: Four quizzes will be during the quarter. The dates are listed on the calendar. Quizzes are worth 20 points. No make-up quizzes are given.

Homework: Homework is assigned every class session. Each assignment should be completed before the next class. Homework is not collected.

Examinations: Four examinations will be given during the quarter. Each examination is worth 100 points. No make-up examinations will be given.

Final Examination: The final examination is comprehensive. The final must be taken on the scheduled time listed on the calendar. The final is worth 150 points. The grade on the final will take the place of your lowest test score.

Attendance: It is important to attend each class session. It is the responsibility of the student to drop yourself if you wish to withdraw from the class by the withdrawal deadline.

Grades: The total number of points for the class is 630 points. Your grade will be determined by dividing your points by the total number of points.

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

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

Calendar:

Week #1: 1/9 and 1/11
Sections A2, A3, A5, and A6

Week #2: 1/16 and 1/18 (Holiday on 16th)
Sections 1.2, 1.3, 1.4
Quiz #1

Week #3: 1/23 and 1/25
Sections 1.5,1.6, 1.7, 1.8
Quiz #2

Week #4: 1/30 and 2/1
Sections 1.9, 1.10
Test #1

Week #5: 2/6 and 2/8
Sections 2.1, 2.2, and 2.3
Quiz #3

Week #6: 2/13 and 2/15
Sections 2.4, 2.5
Test #2

Week #7: 2/20 (Holiday) and 2/22
Sections 2.6, 2.7

Week #8: 2/27 and 3/1
Sections 3.1, 3.2, 3.3, 3.4
Quiz #4

Week #9: 3/6 and 3/8
Sections 3.5, 7.3, 7.5
Test #3

Week #10: 3/13 and 3/15
Sections 9.1, 9.2, 9.3, 10.2

Week #11: 3/20 and 3/22
Sections 10.3, 10.4
Test #4

Week #12: 3/29 Wednesday
Final Examination 6:30-8:30

Student Learning Outcome(s):

* 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.

Office Hours:

M,W	08:45 PM	09:15 PM	In-Person	Room S-16