

Pre-Calculus
Mon/Wed 12:00 – 2:20 pm
SM 129

Instructor: Frank Gonzalez **Office:** SM 355

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Office Hours: Mon & Wed: 4 – 4:30pm, Wed & Fri: 9:30 – 10:30am
Tues & Thurs: Noon – 1pm

Text: Precalculus, 7th edition, Larson and Hostetler.

Prerequisite: Math 124, Trigonometry.

Content: We will cover chapters 1-10. This course is designed to provide you with the necessary skills for Calculus. This course also satisfies the Area 2 Math requirement for the IGETC.

Student Learning Outcomes: Students who successfully complete Math 2 will be able to:

1. demonstrate mastery of the computational skills that will prepare them to succeed in calculus.
2. demonstrate critical thinking skills by solving word problems whose difficulty level is appropriate for this class.
3. demonstrate that they are prepared for the visual/graphical nature of calculus by being able to generate the graphs of a variety of types of functions.

Additional Resources: Computer software relevant to the course is available in the math computer lab. In addition, free tutoring is available in the LAP (Learning Assistance Program) located in Village 8.

Grading

Grades are determined on the number of points earned out of *600 possible*. There are four categories for points. They are

- 1) Three tests (100 points each), see calendar for dates
- 2) Eleven quizzes (10 points each), see calendar for dates
- 3) Homework (50 points possible)
- 4) Final Exam (150 points), see calendar for date.

Your lowest quiz score will be dropped. The following scale then assigns letter grades:

A	B	C	D	F
90% or above	80% or above	68% or above	60% or above	Below 60%
540 points	480 points	408 points	360 points	Less than 360

Tests: There will be three tests, each worth 100 points. There is *no make-up tests allowed*. If you will miss a test, you must notify me no later than 24 hours after the test.

Quizzes: There will be eleven quizzes, each worth 10 points. Since your lowest quiz score will be dropped, there is *no make-up quizzes allowed*.

Homework: Collected weekly at the beginning of class on Wednesdays. Problems will come from the text and supplemental handouts. *No late homework is accepted*, and each assignment is worth 3 points. 1 point is for correctness, and 2 points are for completion. In addition, homework must be stapled with your first and last name, course title, and date clearly stated in the upper right hand corner of the front page. Homework not abiding by these standards will not be accepted.

Final Exam: The final exam is worth 150 points, and must be taken at the scheduled time.

Calculators: A scientific calculator is allowed on all homework, tests, and quizzes. Graphing calculators (such as a TI 83, 89, etc) are not allowed. You cannot use your cell phone as a calculator. Your best bet is to always bring your calculator to class, since you will be attempting practice problems throughout class.

Attendance: Attendance will be taken on a daily basis. A student who is not passing the class and has excessive absences may be dropped from the class without their permission.

Academic Honesty: In academics as in all parts of life, honesty and authenticity of ones work is regarded as the underlying moral code. Thus, anyone caught cheating will be held fully responsible in accord with the rules set out by Saddleback College (see *Student's Rights and Responsibilities* in the Student Handbook). In addition, please see the Math, Science, and Engineering Division Policy on Academic Integrity (a link is available on my web page).

Special Accommodations: If you have a documented disability and need accommodations for this class, see me within the first two weeks of the semester. Also contact Special Services for assistance, located in the Student Service Center, SSC 113, 582-4885. I must receive all appropriate documentation before allowing you to proceed with accommodations. A link to special Services is located on my web page.

Important Dates:

- February 18, Last day to drop without a "W" grade,
- April 8, Last day to drop with a "W" grade.