

San José State University  
**Math-19 (Precalculus)**

Section 02  
MWF 9:00–10:20am  
Sweeney Hall 347

**Instructor:** Jeffery Cavallaro ([jeffery.cavallaro@sjsu.edu](mailto:jeffery.cavallaro@sjsu.edu))

**Office:** Duncan Hall 209 (the TA room)

**Office Hours:** TR 1:00–3:00pm

**Text:** *Precalculus*, Stewart, Redlin, and Watson, 7<sup>th</sup> ed. You must have the correct edition and you should try to have it by Monday, 2/1. Bring your book to class. The eBook version is OK, but make sure that you have a way to access it during class.

**Web:** All class communications, including reading assignments, homework assignments, helpful resource documents, and grades, are via canvas ([sjsu.instructure.com](https://sjsu.instructure.com)). We will not use webassign; however, if you would like to access the corresponding online material then go ahead and purchase the license and I will create a course for our section.

**Calculator:** You are allowed to use any reasonable (to be determined by me) *scientific* calculator. I suggest that you invest in a TI-89. I have no problem with you checking your answers on homework and tests using your calculator; however, answers with no supporting work will receive zero credit. *No cell phones, tablets, or computers are allowed in lieu of a calculator!*

**Learning Objectives:** We will start by reviewing the real number system, algebraic expressions, and algebraic equations. We will then take a detailed look at functions and study various types of functions (polynomials, exponential, trigonometric, polar) using data, equations, and graphs. We will conclude with some analytical geometry, with an emphasis on trigonometry and conic sections. The overall goal is to provide you with all the tools needed for calculus.

**Math 19W:** Co-registration in the workshop is required. It is a 1 unit class that meets for 1 hour, twice a week, and is graded CR/NC based on attendance. You will work in teams on precalculus problems, aided by workshop facilitators. Math is learned by doing problems, so the workshop is one of the best ways to help you pass this class.

**Attendance:** I will not take attendance after the first week; however, it is vitally important that you come (on time) to every class. The book has more information than we could possibly cover, so I will highlight in class what is important. I will also enhance certain subjects that I feel are important for your calculus preparation. Bring your book and calculator to every class meeting. If you miss a class, it is your responsibility to talk to your peers and find out what you missed.

**Time:** You will need to spend a *minimum* of 10 hours per week outside of class doing homework and studying. This class is *very* intensive and will require disciplined study habits.

**Reading:** Reading from the textbook will be assigned each Friday for the material to be covered in the coming week. Please read everything, not just the stuff in the boxes, prior to lecture. Make sure that you can work all of the example problems prior to attempting any homework problems.

**Homework:** Homework will be assigned each week on Monday and is due on the following Monday at the start of class. Late homework will not be accepted. There will be 12 homework assignments, but I will drop the lowest 2 scores. See *Homework Rules* for more information.

**Exams:** There will be three, non-cumulative exams: 2/26, 3/25, and 4/29. *You must plan to take the exams at their scheduled times.* In particular, previous travel arrangements are *not* a valid excuse to miss an exam. All exams are closed book and notes. A calculator and a double-sided  $3 \times 5''$  note card are allowed.

**Final:** The last day of class is Monday, 5/16. The final exam is cumulative and occurs on Wednesday, 5/18, 7:15–9:30am. All above exam policies apply to the final as well.

**Grading:** The semester grade is: Homework 20%, Exams 1, 2, and 3 20% each, and Final 20%. Grades given are: A, A–, B+, B, B–, C+, C, and NC.

**Credit:** A grade of C or better meets the *Area B4: Mathematical Concepts* GE requirement. A grade of C or better is required for placement into Math 30P. A grade of B or better is required for placement into Math 30.

**Tutoring:** Peer tutoring is available to all SJSU students, free of charge, from the PeerConnections center. See <http://peerconnections.sjsu.edu> for more information.

**Academic integrity:** Your commitment to learning (as shown by your enrollment at SJSU) and SJSU's Academic Integrity Policy require you to be honest in all of your academic course work. Faculty are required to report all infractions to the Office of Student Conduct and Ethical Development. See <http://www.sjsu.edu/studentconduct> for more information.

**Disabilities:** If you need course adaptations or accommodations due to a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. All students with disabilities must register with the Accessible Education Center (AEC) to establish a record of their disability. See <http://www.sjsu.edu/aec> for more information.