

De Anza College

Winter 2022**COURSE:** Math 31.43(36851)**CLASS MEETS:** Monday, Wednesday, Room S16**OFFICE:** Monday, Wednesday**Preferred method of contact: E-mail:** tsujichristie@deanza.edu**WEBSITE:** <http://www.deanza.edu/faculty/tsujichristie/>**INSTRUCTOR:** Mr. Chris Tsuji

5 Units.

630 pm - 8:45 pm

Type: **Math 31** in Subject line if you want a reply.**Check website for additional information about the class.**

Objectives: This course covers polynomial, rational, exponential and logarithmic functions, graphs, solving equations, conic sections, systems of equations and inequalities, sequences and series.

Prerequisites: Intermediate Algebra (MATH 109, MATH 114 or MATH 130) or equivalent. **Advisory:** EWRT 211 and READ 211, or ESL 272 and 273.

Text: Precalculus by Jay Abramson. OpenStax. Book is available online for FREE.

<https://openstax.org/details/books/prec calculus>. Download or PDF.

Materials: Pencil, eraser, 8.5" by 11" unlined paper and graph paper, graphing calculator. TI 84 recommended.

Rent a calculator <http://www.rentcalculators.org>, DeAnza Library.

Time commitment: According to the college catalogue, page 35 under Units, "Students should expect two hours of outside preparation for each one hour spent in class." Since the class meets 4 + hours a week, it is expected a minimum of 8 hours a week should be spent on this class. Mastery of the material should determine by how much time you spend, not the clock.

Attendance: Regular and punctual attendance is expected of each student. Students will be allowed to **miss three classes**. Every absence after the third will result in the deduction of 1 percentage point from your final grade percentage in the class. On the fourth absence, the student should complete the paperwork for a drop, or a grade of F could be given for the quarter.

If you decide to discontinue with the course, it is your responsibility to drop. You must officially drop on or before Friday, February 23. If you have more than four absences, then you may be dropped. If you are on the final report form, then you will receive a grade.

Please contact instructor prior to an absence if there is an extreme problem. Difficulties that could cause attendance problems should, at your initiative, be discussed with the instructor as early as possible.

All students are **required** to attend the first four class meetings.

Assignments: Assignments are to be attempted on a class-to-class basis. Time will be set at the beginning of each class to answer questions from the assignments. Assignments will be given at each class. There will be 18 assignments but only 16 will count.

Assignments are located at: MyOpenMath: <https://www.myopenmath.com> Course ID: 128277. Enrollment key: math31w2022.

Course name: Precalculus 31 Winter 2022.

This is a free site. Enrollment opens January 1, 2022.

The problems assigned are not intended for mastery of the topic. More problems should be done from the book to master the topic of the assignment.

Quizzes: Quizzes will be based on the assignments. Expect a 10-point quiz at the end of every class meeting. Two 10-point quizzes will be dropped.

Exams: There will be three exams, each worth 100 points. Check the web site for the dates of the exams and other information.

Final Exam: A comprehensive 200-point final exam will be given on Wednesday, March 23 from 6:15 P.M. – 8:15 P.M. The final examination must be taken to receive a grade.

Make-Up: There are no make-ups for missed exams or quizzes. Exams and quizzes missed will be scored 0.

Academic Integrity: You are responsible for your actions and behavior in this class. Behavior that is not appropriate, may be reported to the PSME dean and subsequent action may be taken.

Evaluation: Grades will be determined as follows

Exams	300 points	A: 711 - 790 points (90%)
Quizzes	140 points	B: 632 - 710 points (80%)
Assignments	150 points	C: 553 - 631 points (70%)
Final Exam	200 points	D: 479 - 552 points (60%)
Total	790 points	F: 0 - 478 points

NOTE:

- Be on time.
- Ask questions.
- Start a study group. It helps.
- Do not wait until it is toooooo late. Ask for help.
- There is NO extra credit. Do not ask.

Special, Important Dates:

Monday, January 3, first day of class.

Saturday, January 15, last day to add.

Monday, January 17, no class

Monday, February 21, no class

Friday, February 25, last day to drop with W.

Wednesday, March 23, Final Examination.

Need help? Meet with tutors and attend workshops in the Student Success Center: www.deanza.edu/studentsuccess

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.