

**De Anza College**  
**Summer 2026**  
**Math 31 – PreCalculus 1 (CRN# 13708)**

**Instructor:** Alex Cheng      **Email:** [chengalex@fhda.edu](mailto:chengalex@fhda.edu)

Class meets in person every **Monday, Tuesday, Wednesday & Thursday** from **3PM - 5:15 PM** in **S16**

**Course Description:**

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

**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.

**Textbook & Required Materials:**

- You can use an online graphing calculator via a website as <https://www.desmos.com>.
- Calculator – TI-84+ is preferred, but Ti-83/Ti-83+ will also be supported for this class.
- Jay Abramson, et al, Precalculus, OpenStax. This is a free textbook and is available at <https://openstax.org/details/books/precalculus>.

**Withdrawal/Drop Policy:** It is the ultimate responsibility of the student to drop the class. Do not rely on the instructor to drop.

**Class Attendance and Tardy Policy:** Students are expected to attend all class sessions, arrive on time, take notes, and remain for the full duration of each class. **Students must be seated and ready when the lecture begins. Any student who arrives after the lecture has started will be marked tardy. Students who leave class before the end of the lecture will also be marked tardy.**

**Three tardies will count as one absence. The instructor reserves the right to drop students who accumulate more than three absences or who are chronically tardy (six or more tardies). Students who stop attending class without officially dropping the course may receive a failing grade. It is the student's responsibility to complete the official drop process.**

**\*This syllabus may be modified at the instructor's discretion; changes will be announced.**

**Smartphone Use:** All smartphones must be on silent mode and put away during lecture. We do not learn how to text or search the Web in this class, so there is no reason to have smartphones out during class unless the instructor allows so.

**Grade Breakdown:**

A+:100-97% A:96-93% A-:92-90% B+:89-87% B:86-83% B-:79-81% C+:77-78%  
C:69-76% D:62-66% D-:60-61% D+:67-68% F:<60%

Quizzes (2)	120 points
Exams (2)	300 Points
Final	100 points
**Miscellaneous	150 points
Total	670 points

**All grade cut-offs are firm and non-negotiable.** For example, an 89% is not an A-, and a 69% is not a C. Requests for higher grades based on transfer goals (e.g., to UCs, CSUs, or top-ranking universities) or scholarship eligibility will not be considered.

**Quizzes:** Quizzes will focus on the materials covered during that week. **NO MAKE-UP QUIZZES** are given.

**Exams & Final:** There will be two exams and one final, all taken in person. No make-up exams or extensions will be given. In the case of a documented emergency, a missing exam score may be replaced with the corresponding portion of the final exam. Students are expected to uphold academic integrity during all exams; any form of dishonesty or unauthorized assistance will result in disciplinary action. More details about each exam will be provided as the dates approach. Refer to the course calendar for tentative exam dates.

**Miscellaneous:** In-class assignments and participation points may be given throughout the quarter. To earn credit, students must attend class, remain for the full class period, meet expectations, and submit any required work on time. If you miss class, arrive late, leave early, or fail to complete the assigned work, you will not receive credit. These points cannot be made up. Please do not email requesting make-up opportunities for missed in-class assignments or participation points.

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**Tutoring Services:** The De Anza campus (S43) has a free tutorial center for math students where students can get "drop in" help or make appointments with a tutor. Also, there are specific MPS tutors available for free. Check Canvas for [links](#) to access these tutors through Zoom meetings. Additionally, I am very glad to help you in office hours. Please use your resources.

**Academic Integrity:** All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but you are expected to write up your answers independently. Any instances of cheating or plagiarism will result in disciplinary action, including getting a '0' on the assignment and report to the PSME dean, which may lead to dismissal from the class or the college

**Academic Integrity:** All students are expected to uphold high standards of academic integrity throughout the quarter. Collaboration on assignments is encouraged, but all submitted work must be written independently. Any instance of cheating or plagiarism will result in a grade of 0 on the assignment and will be reported to the PSME Dean, which may lead to dismissal from the class or the college.

**Student Honesty Policy:** "Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action, which may include a recommendation for dismissal."

**Disabled Services:** Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to <http://www.deanza.edu/dss>.

Recipe for Success:

1. If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!
2. Visit the Online Tutoring Center.
3. Form a study group.
4. Attend all lectures, participate in every discussion, and complete every homework assignment.
5. Read the sections to be discussed in class prior to the lecture

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### Summer 2026 Tentative Schedule

WK	Monday	Tuesday	Wednesday	Thursday
1	June 29 1.1 & 1.2	June 30 1.3 & 1.4	July 1 1.5 & 1.7	July 2 2.1 & 2.2
2	July 6 3.1 & 3.2	July 7 3.3 & 3.4	July 8 3.4 & 3.7	July 9 3.7 & Quiz#1
3	July 13 3.8 & 4.1	July 14 4.1 & 4.2	July 15 Exam Review	July 16 Exam #1
4	July 20 4.3 & 4.4	July 21 4.5 & 4.6	July 22 4.7	July 23 9.1 & Quiz#2
5	July 27 9.1 & 9.2	July 28 9.3	July 29 Exam Review	July 30 Exam #2
6	August 3 10.1 & 10.2	August 4 10.3	August 5 Final Review	August 6 FINAL @3PM

### Summer 2026 Tentative Classwork Schedule

Week	Sections	Problem sets
1 - (June 29 - July 1-2)	1.1	28, 32, 34-42, 52
1 - (June 29 - July 1-2)	1.2	10, 15-19, 26, 29-36, 38, 39, 42
1 - (June 29 - July 1-2)	1.3	7-12, 19-23, 26, 27, 29, 32, 34-37, 39, 40
1 - (June 29 - July 1-2)	1.4	5-8, 11, 12, 13, 15-19, 21, 22, 72, 73, 75, 85-88
1 - (June 29 - July 1-2)	1.5	6, 8, 9, 17-19, 25-27, 29, 35, 37, 38
1 - (June 29 - July 1-2)	1.7	7, 9, 11, 13, 15, 42, 43, 44
1 - (June 29 - July 1-2)	2.1	7-24 odd, 26, 28, 45, 69, 74
1 - (June 29 - July 1-2)	2.2	19, 21, 24-29

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<b>2 - (July 6-9)</b>	<b>3.1</b>	<b>8-10, 16, 17, 19, 21, 23, 25, 27, 29, 31-35</b>
<b>2 - (July 6-9)</b>	<b>3.2</b>	<b>55, 56, 58</b>
<b>2 - (July 6-9)</b>	<b>3.3*</b>	<b>27, 28, 29, 30</b>
<b>2 - (July 6-9)</b>	<b>3.4*</b>	<b>6, 8-17, 20, 24, 28</b>
<b>2 - (July 6-9)</b>	<b>3.7</b>	<b>40, 42, 46, 47, 48,</b>
<b>3 - (July 13-16)</b>	<b>3.8</b>	<b>18, 20, 22, 26, 28</b>
<b>3 - (July 13-16)</b>	<b>4.1</b>	
<b>3 - (July 13-16)</b>	<b>4.2</b>	
<b>4 - (July 20-23)</b>	<b>4.3</b>	<b>26-34</b>
<b>4 - (July 20-23)</b>	<b>4.4</b>	
<b>4 - (July 20-23)</b>	<b>4.5</b>	
<b>4 - (July 20-23)</b>	<b>4.6</b>	
<b>4 - (July 20-23)</b>	<b>4.7</b>	
<b>4 - (July 20-23)</b>	<b>9.1</b>	
<b>5 - (July 27-30)</b>	<b>9.2</b>	
<b>5 - (July 27-30)</b>	<b>9.3</b>	
<b>6 - (August 3-6)</b>	<b>10.1</b>	
<b>6 - (August 3-6)</b>	<b>10.2</b>	
<b>6 - (August 3-6)</b>	<b>10.3</b>	

Important Dates and Deadlines: <http://www.deanza.edu/calendar/dates-and-deadlines.html>

De Anza Final exams schedule: <https://www.deanza.edu/calendar/final-exams.html>

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