Math 31: Precalculus I MPS – Winter 2025
Mon. – Thur. 9:30-11:20am in G-1

Instructor: Cheryl Jaeger Balm
Email: `balmcheryl@fhda.edu`   **Office number:** S-76g

Office Hours
Physical Sciences and Technology Village (S-55)
Mondays 1:00 – 2:30 pm
Wednesdays 1:30 – 2:30 pm
Thursdays 1:00 – 2:30 pm

Counselor: Luis Carillo
Email: `carrilloluisalberto@fhda.edu`   **Office number:** S-41a

MPS counseling website: `https://www.deanza.edu/mps/our-counselors/index.html`
MPS tutoring website: `https://www.deanza.edu/mps/mpstutoring/index.html`

I C U Care principles

Include others as experts – Look beyond the expertise of the teacher to recognize your own **brilliance** and that of your classmates.
Critical consciousness – Understand negative stereotypes and actively work to erase their effects.
Understand how relationships improve learning – Get to know your teacher and classmates!
Culturally relevant resources – Seek out resources that help you see yourself as a **doer** of mathematics.
Assess, activate and build on prior knowledge – Value the prior knowledge you bring to the classroom and build on it to learn new things.
Retain control – Take ownership of your learning!
Expect more – Expect more from yourself and your classmates by rising above any low expectations that others may set for you or that you may have for yourself. Expect more from your teacher to **teach you until you understand**.

Textbook and Required Materials:
– *Larson, Precalculus with Limits, 3rd ed.*, provided by MPS for free
– *Intermediate Algebra, 2nd ed.*, free OpenStax textbook at
        `https://openstax.org/details/books/intermediate-algebra-2e`
– Scientific calculator (not graphing), available through MPS if you do not have one

---

My goal for you this quarter:

Believe that **you** can excel at math,
no matter what your past experiences have been.

Attendance: Regular, punctual attendance at all class meetings is expected of each student. Students absent during the first two weeks of class may be dropped unless they contact the instructor. Each tardy of more than 15 minutes will count as half an absence, as will leaving class more than 15 minutes early without instructor approval. A student may be asked to leave the MPS program if absent the equivalent of 4 times, no matter what the reason(s).

Canvas: The class calendar, updates and announcements will be posted on Canvas, which you can access through MyPortal. I recommend that you also download the Canvas app if you have a smart phone. Canvas Inbox is the best way to email your instructor.

Once you have accessed **Canvas**, please go to Account $\rightarrow$ Notifications and adjust your **Notification Preferences** so that you have selected **"Notify me right away"** for Announcement, Submission Comment and Conversation Message. Other notification settings are up to you.

Asynchronous Class: This class includes 1-2 hours each week of online asynchronous instruction and/or activities. Most weeks this will mean that video lectures will be uploaded on Thursday afternoon. It is your responsibility to watch these videos and do the corresponding worksheets and/or homework before Monday's class meeting.

How to get help: Students may receive tutorial assistance during in-class work time from the instructor and the embedded tutors, as well as from the instructor during office hours. Please come by office hours for help or to talk about your grade. That is what I am there for! Tutors are also available in S-54, S-43 and online. Students are strongly encouraged to make use of the tutorial help to succeed in this class. **Any student whose grade falls below 75% will be required to attend tutoring.**

Cell phones and other devices: You may bring a laptop or tablet to class to access your eBook or to take notes. However, cell phones, tablets, laptops and other electronic devices must not become a distraction to you or your classmates. If I see or hear you using a device during class to access unrelated content or in a distracting manner, I may confiscate the device until the end of that class meeting. You will not be allowed to use a cell phone or tablet during any quizzes or exams.

Written homework: Homework from one of your textbooks will be assigned most days. **Do not fall behind!** Complete all homework assignments and ask questions. Homework will be collected 1-2 times per week. Homework due dates will be announced in class and posted in Canvas. Homework assignments will be graded on effort.

In-class work: Many class meeting will include an in-class activity, group work and/or writing prompt. Participation in these activities will be graded.

Midterm exams: There will be four (4) in-class midterm exams. All exam dates are listed on the class calendar and in Canvas. Each of the midterm exams will focus the material covered since the previous exam.

Final exam: There will be a final exam on **Tuesday, March 25, 9:15–11:15 am**.

Grades will be assigned as follows:

Assignments	Percent		Percent	Grade
Homework	20%		≥ 90	A
In-class work	20%		≥ 80	B
Midterm exams (4)	48%		≥ 70	C
Final exam	12%		≥ 60	D

Other:

– If you have any questions regarding your grade on any assignment, please discuss the matter with me before leaving the room with the graded material. Once the graded material has left the classroom, no grading changes will be made.

– Disruptive talking and other interruptions during class is not conducive to learning will not be tolerated. Respect your classmates and your instructor!

Student Learning Outcomes (aka what I hope you can do at the end of Math 1D):

1. Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

2. Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

Important Dates for Winter Quarter 2025:

- Sun., Jan. 19: Last day to add classes or to drop a class for a full refund and with no record of grade.

- Fri., Mar. 1: Last day to drop with a "W."

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Services (DSS) if you have any physical, psychological or other disabilities, including vision or hearing impairments or ADD/ADHD. DSS is located in RSS 141. Phone number: 408-864-8753. Website: `http://www.deanza.edu/dss/`.

Academic Integrity: Learning involves the pursuit of truth, which cannot be pursued by presenting someone else's work as your own. Each student must pursue their academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Any suspected instance of academic dishonesty on any assignment will be reported to the college and may result in a 0 on the assignment and/or a failing grade in the class. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to `https://www.deanza.edu/policies/academic_integrity.html`.

<u>Tentative class schedule</u> (subject to change):

Key: Pre = Precalculus textbook; Alg = Intermediate Algebra online textbook

Week	Monday	Tuesday	Wednesday	Thursday	Async
Wk 1: Jan. 6-10	Class introduction	Pre 1.3	Alg 2.1	Pre 7.1A & 7.2	Pre A6
Wk 2: Jan. 13-17	Alg 3.4 & Pre 7.5	Abs. Value Functions	Review	**EXAM 1**	Alg 6.1
Wk 3: Jan. 20-24	**NO CLASS**	Alg 6.2	Alg 6.3 & 6.4	Alg 6.5 & 9.1-9.3	Alg 9.6
Wk 4: Jan. 27-31	Alg 9.7	Alg 9.8	Pre 2.2	Pre 2.3	Pre 2.5
Wk 5: Feb. 3-7	Review	**EXAM 2**	Alg 8.1 & 8.2	Alg 8.3	Alg 8.6
Wk 6: Feb. 10-14	Alg 8.7	Alg 7.1	Pre 2.6A	Pre 2.6B	Alg 7.4
Wk 7: Feb. 17-22	**NO CLASS**	Pre 2.7A	Pre 2.7B	Review	
Wk 8: Feb. 24-28	**EXAM 3**	Pre 1.2, 1.4 & 1.5	Pre 1.7A	Pre 1.7B	Pre 1.8
Wk 9: Mar. 3-7	Pre 1.9	Pre 10.3	Pre 10.4	Pre 7.1B	
Wk 10: Mar. 10-14	Review	**EXAM 4**	Pre 3.1	Pre 3.2A	Pre 3.2B
Wk 11: Mar. 17-21	Pre 3.3	Pre 3.4A	Pre 3.4B	Review	
Wk 12: Mar. 24		**FINAL EXAM 9:15 − 11:15**			

Student Learning Outcome(s):

• Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.

Office Hours:

S-55　M,TH　1:00 PM - 2:30 PM
S-55　T　　1:30 PM - 2:30 PM