

Math 32 MPS: Precalculus – Spring 2024

Mondays, Tuesdays, Wednesdays and Thursdays 9:30-11:20 am in G-1

Instructor: Dr. Cheryl Jaeger Balm

Office number: S-76g

Instructor Email: balmcheryl@fhda.edu

Counselor: Luis Carillo

Counselor Email: carilloluis@fhda.edu

This is a HYBRID class which requires you to be on campus four days a week.

Each week you will have 8 hours of class **in-person.**

Tips for success (however YOU define it!):

- Expect to spend 6-10 hours a week outside of class studying and working on homework. *Schedule these hours just as you would work or class!*
- Form a study group, and make use of the tutoring center.
- Come to office hours to work on homework and ask questions.
- Make an appointment to meet with me (virtually or in-person) if you are busy during regular office hours or want to talk one-on-one.

Office Hours

Mondays, 12:30 – 1:30 pm, in S-43 (tutoring center)

Tuesdays, 12:30 – 1:30 pm, in S-54 (MESA center)

Wednesdays, 12:30 – 2:00 pm, in S-55 (PST Village)

Textbook:

– *Larson, Precalculus with Limits* (3rd edition)

– You do not need to purchase the textbook. The MPS program will provide you with a book to use for the duration of the quarter!

Attendance: You are expected to be present **in-person** for all class meetings. If you miss a class, you are responsible for covering the material before you return to class. You should get notes from a classmate and read the corresponding section of the textbook. You are also responsible for knowing about any changes to the syllabus and/or schedule that may be discussed in class. **Please stay home if you are not feeling well or awaiting results from a COVID test**, but otherwise you should plan to attend all class meetings. Arriving to class more than 15 minutes late or leaving more than 15 minutes early without instructor permission will count as half an absence. **If you are absent more the four (4) times, you may be asked to leave the MPS program at the end of the quarter.**

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 → 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.

Calculators: You will need a *scientific calculator without graphing capabilities* for this class. If you do not have a calculator, you can borrow one for the quarter from the MPS program.

Cell phones and other devices: You may bring a 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 the exams.

Homework: Homework will be assigned from the textbook after each section that we cover. *The only way to learn math is to practice doing it yourself!* In general, homework assigned on Mondays and Tuesdays will be due on Thursday, and homework assigned on Wednesdays and Thursdays will be due the following Monday. *Do not fall behind!* Late homework will be accepted up until the day of the corresponding exam. No credit will be given for homework turned in after the exam or homework without adequate work shown. **You lowest 2 homework grades will be dropped.**

In-class Worksheets: Most class meetings will include a worksheet and/or group work. This will be graded based on participation and effort.

Project: You will have one (1) written project that will be assigned in Week 6. Details of the project will be posted in Canvas.

Podcast: You will create three (3) podcast episodes for this class. Details are in the Podcast Project instructions in Canvas.

Midterm Exams: There will be five (5) in-class, closed-book midterm exams. Each midterm will focus on the material covered since the last exam. All midterm exam dates are on the calendar below. One (1) missed exam and/or low exam score will be replaced by your final exam grade, except for Exam 1, which cannot be replaced. **No make up exams will be given.**

Final Exam: Your final exam will be in-person **Tuesday, June 25, 9:15-11:15 am**. It will be cumulative.

Exam Dates:

- Tuesday, April 16: Exam 1 (9.1-9.3)
- Monday, April 29: Exam 2 (4.1-4.4, 4.8)
- Monday, May 13: Exam 3 (4.5-4.8)
- Thursday, May 30: Exam 4 (5.1-5.5)
- Monday, June 17: Exam 5 (6.1-6.4, 10.7-10.8)
- Tuesday, June 25: Final Exam 9:15-11:15 am

Course Grades:

Homework	Group Work	3 Podcasts	Project	5 Midterms	Final
10%	5%	15% (5% each)	10%	50% (10% each)	10%

Grade	A	B	C	D
Overall percent	≥ 90	≥ 80	≥ 70	≥ 60

Student Learning Outcome (aka what I hope you can do at the end of Math 32):

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

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Programs and Services (DSPS) if you have any physical, psychological or other disabilities, vision or hearing impairments or ADD/ADHD. More details can be found here <https://www.deanza.edu/dsps/>

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.

Tentative class schedule (subject to change):

Week	Monday	Tuesday	Wednesday	Thursday	
Wk 1: Apr. 8-12	9.1	9.2	9.3A	9.3B	
Wk 2: Apr. 15-19	Review	EXAM 1 Sequences & series	4.1	4.3	
Wk 3: Apr. 22-26	4.2	4.4	4.8A	Review	
Wk 4: Apr. 29 – May 3	EXAM 2 Angles & trig definitions	4.5A	4.5B	4.6A	Podcast #1 due Sunday
Wk 5: May 6-10	4.6B	4.8B	4.7A	Review	
Wk 6: May 13-17	EXAM 3 Graphs	4.7B; Start Project	5.1	5.2	Podcast #2 due Sunday
Wk 7: May 20-24	5.3A	5.3B	5.4	5.5A	Project due Sunday
Wk 8: May 27-31	NO CLASS	5.5B	Review	EXAM 4 Trig identities	
Wk 9: June 3-7	6.1	6.2	10.7 & 10.8	6.3A	
Wk 10: June 10-14	6.3B	6.4A	6.4B	Review	Podcast #3 due Sunday
Wk 11: June 17-21	EXAM 5 Trig applications	Review Day 1 (Ch. 4)	NO CLASS	Review Day 2 (Ch. 5-6)	All podcast redos due Friday
Wk 12: June 25		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:

In-Person	S-43	M	12:30 PM	1:30 PM
In-Person	S-54	T	12:30 PM	1:30 PM
In-Person	S-55	W	12:30 PM	2:00 PM