

De Anza College Math 32.35Z, Fall 2024

About the Instructor

The instructor, Salvador Guerrero, may be reached by e-mail at guerrerosalvador@fhda.edu and has scheduled office hours Monday and Wednesday 8:45 – 9:15 PM via Zoom.

My intention is for our space to be a supportive, engaging, and accepting environment in which you may comfortably explore and expand your mathematical abilities. Please do not hesitate to reach out if ever you have any questions, we will work together to help resolve them.

About the Course

The course is Math 32 Precalculus II, section 35Z with CRN 27591 and meets via Zoom Monday and Wednesday from 6:30pm to 8:45pm.

Materials

For this course you will need to be able to access the course content and meetings online, respectively on Canvas and Zoom. The textbook we will be using, Openstax Precalculus 2e, is available for free online and linked in Canvas. It is preferable and advised that you have a separate notebook for this course.

Requisites

This course has a prerequisite of MATH 31 or MATH 31B with a grade of C or better or equivalent, or a satisfactory score on college placement. It is advised that you have taken EWRT 211 and READ 211, or ESAL 272 and 273

Time Commitment

As with most college courses you should expect to dedicate about 3 hours per unit per week for this course; this is a 5-unit course. This includes reading, homework, discussion, live meetings, etc. It may be that you don't need all this time, but it is best to plan for it just in case.

Description

Preparation for calculus: extending the elementary functions of first quarter precalculus to include the theory of periodic functions; composition of trigonometric functions with other elementary functions; polar co-ordinates; further exploration of the complex plane; introduction to the algebra of vectors.

Assignments

Our mathematical exploration will involve reading, discussion, and practice. It is important that you set an appropriate study schedule as we will need to all work at the same pace since we will spend a good amount of time in Q&A and groupwork during the meetings. In order to help you keep pace we will have three exams. You are expected to read the text before our live sessions so that we may have a conversation about your learning; in particular, the Q&A portion will be guided by your questions and the groupwork sessions will depend on your having some prior exposure to the topic. After you read, I will ask that you complete short video assignments before our meeting and homework assignments, due several days later, in MyOpenMath. It is important to communicate and collaborate in this day and age, so I ask that you complete both a group project. Please make sure to be available to meet via zoom for a two-hour final exam on Wednesday December 11, 2024 from 6:15pm to 8:15 pm.

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Late Work

I understand that life circumstances sometimes happen so that some assignments do not get in on time. In MyOpenMath, you will have 15 late passes that will extend the deadline by a day, but you need to make sure to use one before the assignment is due. Unfortunately, classwork will not be able to be made up. Missed exams will, likewise, unfortunately not be able to be made up but your lowest exam score will be replaced by the final exam score, except in the case of cheating, if it benefits your grade.

Grading

The final grades for this course will be assigned according to the work you have submitted

Assignments	Points (possible/available)
Participation	150/154
Homework	250/272
Projects	100
Exams	300
Final	200

Total Points (x)	Final Grade
$975 \leq x \leq 100$	A+
$925 \leq x < 974$	A
$900 \leq x < 924$	A-
$875 \leq x < 900$	B+
$825 \leq x < 875$	B
$800 \leq x < 825$	B-
$760 \leq x < 800$	C+
$700 \leq x < 760$	C
$670 \leq x < 700$	D+
$630 \leq x < 670$	D
$600 \leq x < 630$	D-
$x < 600$	F

Daily Schedule

Please see the schedule for the quarter below. Ideally, you will read the sections before we discuss in the meeting,

Date	Agenda
9/23	Intro, 5.1
9/25	5.2 – 3
9/30	5.4
10/2	6.1 – 2
10/7	6.3
10/9	7.1
10/14	Exam 1

10/16	7.2 – 3
10/21	7.4
10/23	7.5
10/28	7.6
10/30	8.1 – 2
11/4	Exam 2
11/6	8.3 – 4
11/11	Holiday

11/13	8.5, 8
11/18	11.1 – 2
11/20	11.2 – 3
11/25	11.4
11/27	Exam 3
12/2	Project
12/4	Review
12/11	Final Review

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Policies and Resources

Tutoring/Additional Help

Please know that our college provides several resources to help in your learning objectives including tutoring at the SSC (please see <http://deanza.edu/studentsuccess/>), tutoring via NetTutor (see Canvas), and of course a library (<http://www.deanza.edu/library/>).

Also keep in mind that it is 2024, well into the future now, and the internet is a powerful tool literally at our fingertips.

Attendance

I expect that you will be in class for most of our meetings so that you may benefit from our discussion and complete any in-class assignments. I hope that you will be able to arrive on time and stay until the end but if for any reason you are not able to, please make sure to check Canvas for any important information and to otherwise keep up with the course work.

If you are not able to join the first meeting but would like to remain enrolled, please make sure to contact me as soon as possible as students that miss the first meeting may be dropped. I will do my best to remind you of the important registration dates, but it is your responsibility to be familiar with them. If at any point you want to drop or withdraw, I will appreciate if you first talk to me.

Accommodation of Disability

If you have any disability, permanent or temporary, that might affect your ability to fully participate and perform your best please contact the Disability Support Services office (<http://www.deanza.edu/dsps/>) so that you may receive the support and accommodations you might find helpful.

Academic Integrity

Please be honest, both to yourself and to me, about your learning and understanding at all times. For the purposes of this class, we will define academic dishonesty to be submitting work that is not your own (i.e. copied or plagiarized), or using resources that are disallowed on an assignment, or unfairly taking credit for work you did not do (e.g. leaving the bulk of a project to your groupmate). Academic dishonesty will result in a penalty on that assignment (typically a score of 0) and may be referred to student judicial affairs. An exam score of 0 due to academic dishonesty will not be replaced by the final exam score.

Syllabus is subject to change

Please note that the syllabus is subject to change, in particular the schedule. Any changes will be announced via a Canvas announcement.

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Student Learning Outcome(s):

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

Office Hours:

M,W 08:45 PM 09:15 PM Zoom