

MATH 32 – MP2 Precalculus II



Asynchronous Learning on Canvas

MW 01:30 - 03:45 PM, CRN 47301

Instructor: Nahrin Rashid

Email: rashidnahrin@fhda.edu or Canvas Inbox

Weekly meeting via Zoom: Monday & Wednesday 1:30 – 3:45 PM

Office hours via Zoom: Monday & Wednesday 11:00 AM – 12:45 PM or by appointment

MPS Counselor/Coordinator: Khoa Nguyen

Email: Nguyengkhoa2@fhda.edu

Google Voice number: (650) 427-9217

You can schedule 1-1 appointments to meet with Khoa on the MPS website via

<https://www.deanza.edu/mps/our-counselors/index.html>.

Khoa will be joining our class every Monday and Wednesday from 1:30 – 2:30 PM to answer any counseling questions that you may have.

Tutoring Services

Do not wait to get extra help. Contact me or tutoring to get help!

1. MPS Tutoring Center: <https://www.deanza.edu/mps/mpstutoring/index.html>
 - a. MPS Zoom Tutoring Hours are Monday - Thursday 9:00 AM to 5:00 PM and Friday 9:00 AM to 12:00 PM
 - b. Click on the Zoom link on the site to join
2. Student Success Center Tutoring Services: <https://www.deanza.edu/studentssuccess/>
 - a. You will need to enroll in the non-credit Canvas Course listed on the site to receive tutoring. It's completely free.
 - b. Upon logging into Canvas, select the SSC Resource Course
 - c. Select "Modules" which will lead you to the SSC Zoom! links by subject area.
 - d. Click on one of the SSC Areas and select the appropriate Zoom link.
 - e. Join the virtual room, meet a tutor and start learning!
3. Smarthinking Tutoring: <https://www.deanza.edu/studentssuccess/onlinetutoring/>
 - a. Online Tutoring with Smarthinking is now available for free for De Anza students inside MyPortal

Prerequisite

MATH 31 or MATH 31B (with a grade of C or better); or a satisfactory score on college placement.

Course Descriptions

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 coordinates; further exploration of the complex plane; introduction to the algebra of vectors.

Textbook

Precalculus with Limits; 4th edition by Ron Larson bundle with Webassign access code.

Calculator

A basic scientific calculator is required for this class such as Texas Instruments TI30XIIS Scientific Calculator. TI-83 Plus/TI-84 Plus calculator recommended but not allowed on Exams. This can be a physical or an online app, such as <https://www.desmos.com/scientific>.

Software

All homework/quizzes will be done online using WebAssign which is an internet-based software. You will need to register at www.webassign.net to use this internet-based software. You will need the class key given by me in order to self-register. **WebAssign class key: deanza 4055 4006**

How To Reach Me

Please maintain close contact with me and I will do my best to support you. There are three ways for you to reach me: Office hours, email, and Canvas Discussion board. If you have a question, the quickest and easiest way to contact me is via the Canvas inbox or email me rashidnahrin@fhda.edu. If you email me during my online office hours, I'll try to respond immediately. If you email me outside of my office hours, then I'll try to respond to you within 48 hours. From our course, click on "Inbox" in the left global navigation menu to access your Canvas conversations.

Online Lecture & Weekly Meetings

We have class every Monday and Wednesday from 1:30 – 3:45 PM via Zoom to check in with you and answer any questions you may have. You are expected to attend these meetings. Plan to log in to Canvas several times each week. I will post pre-recorded lecture videos for each section on Canvas under Modules. I will post two or three videos per week. You'll need to watch the lecture videos and take notes. If you have any questions, you can ask me during class or office hours or email me. You will be learning online or asynchronously, meaning that at your own pace, you will watch lecture videos, complete homework assignments, and take either a quiz or an exam every week. There will be set due dates for all of the homework assignments, quizzes, and exams. Although you will be able to watch the videos at your own time and pace, you are expected to complete them in a timely manner so that you are ready to take the quiz/exam and submit them by due date. It is very easy to fall behind in an online class, so you are encouraged to set aside at least 1 to 2 hours each day to dedicate to this class as opposed to doing all of the work in one day. It is strongly recommended that you download the Canvas app if you have a smart phone.

Discussion on Canvas

Even though this is an online class, you are expected to participate. Post and answer questions in Canvas weekly discussion boards. These discussions will count for 5% of your grade.

Homework

Plan to log in to WebAssign daily. Homework will be assigned a few times a week and will have a due date. All homework must be submitted by 11:59 PM on the due date. You must set up an account by Monday, April 12, 2021 or you will be dropped from the class. If you have a homework problem you are not able to complete, you can send me your questions on WebAssign by clicking on “Ask my Instructor”. At the end of the quarter your lowest homework score will be dropped. Homework will count for 15% of your term grade. Please do not procrastinate!

WebAssign class key: deanza 4055 4006

Quizzes

There will be a quiz every week via WebAssign or Canvas assigned intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-up quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 15% of your grade.

Midterm

There will be four exams during the quarter on WebAssign and Canvas. These exams will be completed online and will contain the materials covered in the lectures, online, and in the book. If you are unable to take an exam for any reason, **a makeup exam will not be given**. To compensate for this, I will drop your lowest exam score. These exams will count for 40% of your term grade.

Final Examination

If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Monday, June 21**. This test will count for 25% of your term grade.

Student Conduct

You are expected to be honest and ethical at all times in the pursuit of academic goals. When completing your work on an assignment or in taking a test, be sure to do your own work. Copying or using another person's work is plagiarism or cheating, so please be sure to submit your own work. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division.

Accessibility Accommodations

If you have a documented disability and wish to discuss academic accommodations, or if you would need assistance in the event of an emergency evacuation, please inform me as soon as possible.

Important Dates

- The last day to add classes is Saturday, April 17.
- The last day to drop for a full refund and no record of “W” is Sunday, April 18.
- The last day to drop with a “W” is Friday, May 28.
- Memorial Day Weekend - offices closed; no classes, May 29 – 31.
- Final Exams week, June 21 – 25.

- The deadlines for requesting **Pass/No Pass** or an **Excused Withdrawal** have been extended, as of February 2021, in consideration of the ongoing coronavirus pandemic. All withdrawals will be treated as excused, provided you follow required steps.
 - This means you can still request **Pass/No Pass** for classes taken in the **current quarter** or retroactively for classes taken in **winter, spring, summer or fall of 2020**.
 - You can also request an **Excused Withdrawal** for classes taken in the **current quarter** or retroactively for classes taken in **fall 2020**.

Grade Breakdown

A+: 99% and above	B+: 87 - 89%	C+: 77 - 79%	D: 63 - 66%
A: 93 - 97%	B: 83 - 86%	C: 70 - 76%	D-: 60 - 62%
A-: 90 - 92%	B-: 80 - 82%	D+: 67 - 69%	F: < 60%

Tentative Schedule for Math 32, Spring 2021

Week 1	Section 4.1 Section 4.2
Week 2	Section 4.3 Section 4.4
Week 3	Section 4.5 Exam 1: Friday, April 23 (Section 4.1 – 4.4)
Week 4	Section 4.6* Section 4.7
Week 5	Section 4.8 Section 5.1
Week 6	Section 5.2 Exam 2: Monday, May 10 (Section 4.5 – 4.8) Section 5.3
Week 7	Section 5.4 Section 5.5*
Week 8	Section 6.1* Exam 3: Friday, May 28 (Section 5.1 – 5.5) Section 6.2*
Week 9	Section 6.3 Section 6.4
Week 10	Section 6.5 Section 6.6
Week 11	Section 10.7 Exam 4: Monday, June 14 (Section 6.1 – 6.5) Section 10.8
Week 12	Finals Week Final Exam: Monday, June 21 Comprehensive

This syllabus is subject to change at the instructor's discretion.

4.6: Damped graphs optional

5.5: Only double-angle and half-angle formulas are required, all others are optional

6.1, 6.2: Area formulas are NOT required

Student Learning Outcome(s):

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