DeAnza College

MATH 42 – MP1 Trigonometric Functions

MW 01:30 - 03:45 PM, Online (Canvas) CRN 26026

Instructor: Nahrin Rashid

Email: rashidnahrin@fhda.edu or Canvas Inbox

Weekly meeting via Zoom: Monday & Wednesday 1:30 – 2:30 PM

Office hours via Zoom: Monday & Wednesday 10:00 AM – 12:00 PM or by appointment

---

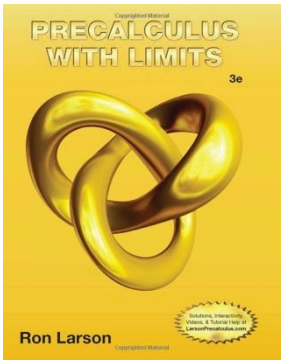
MPS Counselor/Coordinator: Khoa Nguyen, Email: Nguyenkhoa2@fhda.edu

You can schedule 1-1 appointments to meet with Khoa on the MPS website via https://www.deanza.edu/mps/our-counselors/index.html.

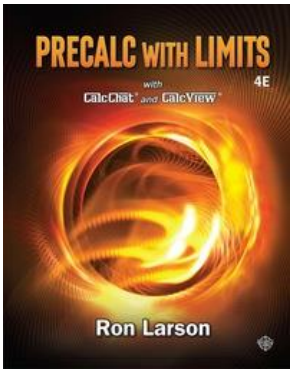
Khoa will be joining our class every Monday and Wednesday from 1:30-2:30 PM to answer any counseling questions that you may have.

- **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 – 12:00 PM
     b. Click on the Zoom link on the site to join
  2. Student Success Center Tutoring Services: https://www.deanza.edu/studentsuccess/
     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. Smartthinking Tutoring: https://www.deanza.edu/studentsuccess/onlinetutoring/
     a. Online Tutoring with Smarthinking is now available for free for De Anza students inside MyPortal
- **Support:** It can be frustrating when you need help, so please know that I am here to help you manage challenges and any frustration you may experience with the course. Please maintain close contact with me and I will do my best to support you.

- **When to reach out:** 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.



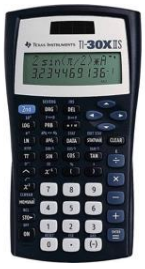
- **Prerequisite:** MATH 41 or MATH 41H (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.



- **Course Description:** The theory of trigonometric functions and their applications.

- **Textbook**: Precalculus with Limits; 3rd edition or 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.

- **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.

- **Online Lectures/Weekly Meetings**: We have class every Monday and Wednesday from 1:30 – 2:30 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'll post two videos per week. You'll need to watch the lecture videos and take notes. If you have any questions, you can ask me during our weekly meetings or office hours or email me. It is strongly recommended that you also 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, September 28, 2020 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!

- **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.

- **Midterms**: 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, December 7 from 9:00 AM to 7:00 PM.** This test will count for 25% of your term grade.

Grade Breakdown

A+: 98% 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%**

Important Dates

- The last day to add classes is Saturday, October 3.
- The last day to drop for a full refund and no record of "W" is Sunday, October 4
- The last day to request pass/no pass grade is Friday, October 16.
- The last day to drop with a "W" is Friday, November 13.

Tentative Schedule for Math 42, Fall 2020

Week 1	**Section 4.1** **Section 4.2**	
Week 2	**Section 4.3** **Section 4.4**	
Week 3	**Section 4.5**	**Exam 1: Friday, October 9 (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** **Section 5.3**	**Exam 2: Monday, October 26 (Section 4.5 – 4.8)**
Week 7	**Section 5.4** **Section 5.5**	
Week 8	**Section 6.1**	**Exam 3: Friday, November 13 (Section 5.1 – 5.5)**
Week 9	**Section 6.2** **Section 6.3**	
Week 10	**Section 6.4** **Section 6.5**	
Week 11	**Section 10.7** **Section 10.8**	**Exam 4: Monday, November 30 (Section 6.1 – 6.5)**
Week 12	**Finals Week**	**Final Exam: Monday, December 7**

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

Student Learning Outcome(s):

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