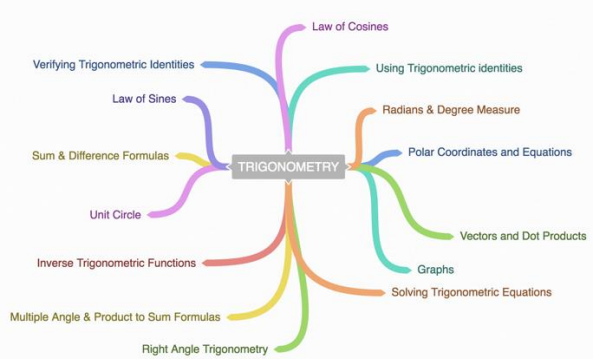
MATH 032.Q10/232.Q10 – Pre-Calculus II: Trigonometric Functions – Winter 2021



MATH 32/232
Pre-Calculus II: Trigonometric Functions
Winter 2021
Sections Q10 & , CRNs 36859 & 36444

Instructor and Contact Information
Instructor: LISA MESH
E-Mail: meshlisa@fhda.edu
Class Dates/Times: Tuesday & Thursday 11:00a – 1:15p
Office Hours: Tues & Thurs TBD

Class Website / Canvas

We'll be **using CANVAS to manage our class documents and deadlines**. Your canvas connection should work, giving you access to all relevant course materials for our class. *If you know how to access Canvas, go to it!* Otherwise, try the steps below.

- Go to MyPortal on the www.deanza.edu website.
- Click on the link in the left-hand navigation on page then choose to enter the Canvas App. Choose "Login to De Anza Canvas Site"
- Once in Canvas, click on our course:
  W21 MATH D032 Q10.Q10 Precalculus Ii

Load the Canvas APP to your phone and check the CANVAS homepage daily.

Class Structure – MATH 32 + Co-Requisite

Required Materials – *You should have free access to online materials for Spring quarter.*

- **Textbook** – PreCalculus, Jay Abramson, Openstax.
  - Click here to download a pdf of the textbook.
  - Click here to view textbook online.
- **MyOpenMath** – to be accessed through Canvas Only.
- **Basic Calculator** – A simple scientific (non-graphing) arithmetic calculator will be required for the class. You can buy a physical calculator (like the TI-35), or you can use online calculators like Desmos or Geogebra. (links will be included in our class Canvas site).

We'll be spending 6.75 hours in class-related time per week.

- Students in this class will receive 7.5 credit hours for taking this class. 5 of those hours will be transferrable and 2.5 will not be transferrable.
- We'll use Canvas as our shared platform for the class.

Class Structure (continued)

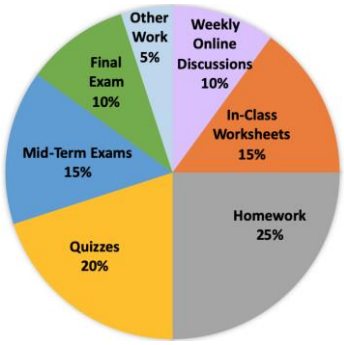
Zoom Lectures Online (require approximately 2.25 hours/week)

- Specific lectures (about 15 – 30 minutes in length) supporting notes will be recorded and accessible through Zoom. Each will include details of key examples.
- Students are expected to watch these videos, filling out course notes as they watch the videos before topics are discussed during class time.
- Students are expected to enter class on Tues/Thurs prepared to discuss topics covered in videos and with specific questions related to the material.

In-Person Discussions in Zoom (approximately 4.50 hours/week)

- This time will occur during scheduled class time - Tuesdays and Thursdays at 11:00a -1:15p.
- Students are expected to enter class prepared to discuss the topics covered in videos and come with specific questions related to the material.
- We'll review material covered in micro-lectures, complete in-class worksheets, and take quizzes and exams.

Grades will be assigned as follows:



Grade	Percentage	Grade	Percentage
A+	At least 98%	B -	80% – 81%
A	92% – 97%	C+	78% – 79%
A -	90% – 91%	C	70% – 77%
B+	88% – 89%	D	60% – 69%
B	82% – 87%	F	Under 60%

A grade of "FW" will be assigned to students who have a course score that is less than 60 and who have not attended class after the "Drop with Withdrawal" date (February 26, 2021).

Note: This grade will affect your financial aid! Be aware!

Make up Policy

- There are no make-up quizzes or exams for this class. All quizzes and exams must be taken on the date they are scheduled for.
- The final exam date and time have been determined and mandated by the college.
- No early/late final exam may be scheduled. If you know that you are unable to take the final on the assigned date (listed in this syllabus), you must drop the class now.

Late Policy – Late homework, classwork or labs will not be accepted.

Dropped/Replaced Grades

- Lowest 2 Class Group Work score will be dropped.
- Lowest (1) Canvas Discussion score will be dropped.
- Lowest 3 Homework grades will be dropped.
- Lowest (1) Quiz grade will be dropped.
- No Other Work assignment grades will be dropped.
- Lowest Exam grade will be replaced by Final Exam grade if the Final Exam grade is higher than the lowest exam grade. (For further detail, see **Final Exam** details on p. 4.)

Other Work (5% of course grade)
We'll have a few quick assignments that are required for the class. These include things like submitting pdf documents to Canvas, signing up for group work online, responding to surveys, etc.

Weekly Online Discussions (10% of course grade)
Each week, students will be required to participate in online discussions that will cover a variety of timely course-related topics.

In-Class Worksheets (15% of course grade)
Online class participation is key to your success in this class.
Scheduled online class time in Zoom on Tuesday and Thursday will have an in-class group work component in the form of in-class worksheets and Zoom breakout sessions.

Homework (25% of your course grade):

Homework for each chapter will be a combination of 2 forms.

1. Most homework will be submitted online via MyOpenMath.com (accessible through Canvas).
   - *MyOpenMath* is a free, online homework program that we'll be using to complete and submit online homework assignments. If you have any questions about homework, feel free to come to office hours or e-mail me at meshlisa@fhda.edu.
2. Handwritten work may also be required for some sections. This work will also be submitted via file upload into Canvas.

We'll have at least 19 homework assignments to be completed.

- Your 16 best homework scores are counted; the 3 lowest scores are dropped.
- All homework is assigned in Canvas and will be due on dates indicated in Canvas.
- Homework must be submitted by the due date/time. No late homework will be accepted.

Homework assignments will be due each week. Deadlines will be noted in Canvas.

If you have homework questions, we'll try to answer them at the beginning of class (time permitting) or during daily office hours. If we cannot answer all questions during class, responses will be posted in Canvas.

Remember, homework help is also available through other tutors in the Student Success Center Online.

Quizzes (20% of your course grade):
We'll have at least 7 quizzes. The lowest 1 quiz grade will be dropped. You are not allowed to drop a quiz in which you cheat. Quiz dates are scheduled in, and specific dates may be adjusted as we progress through the quarter. Please keep up with adjustments via Canvas.
Quizzes last approximately 30 minutes.

Midterm Exams (15% of your course grade):
We will have *2 midterm exams through the quarter in addition to the final.* Midterm exams will last approximately 50 minutes. Each of the midterm exams will cover only the material since the previous test.
Although tentative dates for these exams are posted in Canvas at the beginning of the quarter, we'll set each date firmly at least one week in advance.

Midterm Exams (15% of your course grade) (continued)**:**

It's important to know that you will be held accountable for your work, and you must demonstrate knowledge and proof of your answers, so *each Mid-Term Exam will have two components*.

- Some percentage (typically 67% but subject to change) of points will come from online score
- Some percentage (typically 33% but subject to change) of points will come from written details. Written details will include at least one of these components:
    - Responses to essay questions
    - Numbered (in order), detailed assumptions/work for each question to support online responses

What happens if you miss a Mid-Term exam?

- I understand that you may be required to miss an exam because of circumstances in life, and my policy is that I don't give late or make-up exams.
- If you do miss an exam, your grade will be recorded as 0 in Canvas then, at the end of the quarter, your final exam will replace this 0 score.

What if you get a really low score on a Mid-Term exam?

- If you don't miss any exams during the quarter, your final exam score will replace your lowest midterm exam score, even if your lowest exam score is a zero.
- Note that if your lowest mid-term exam score is the result of cheating or cell phone misuse, that score will not be replaced by the final exam score, but the next lowest will.

Final Exam (10% of your course grade):
Our Final Exam will occur on Tuesday, 3/23/20 @ 11:30a-1:30p.

- The Final Exam is mandatory.
    - That means that you will have to take it if you want to get credit for the 10% of your course grade that it represents.
    - *If you miss the final exam without contacting me (your instructor), you will receive a score of 0 on the Final Exam.*
- The Final Exam is cumulative, covering all material in this course (Chapters 1 – 13 in our textbook).
- The Final Exam will be timed, will be administered online, and will last 2 hours.

The Final Exam will have 2 components, online and handwritten.

It's important to know that you will be held accountable for your work, and you must demonstrate knowledge and proof of your answers.

- Some percentage (typically 67%) of points will come from online score
- Some percentage (typically 33%) of points will come from written details. Written details will include at least one of these components:
    - Responses to essay questions
    - Numbered (in order), detailed assumptions/work for each question to support online responses

Please keep your work neatly written and organized.
If I can't read your work or track your logic, you may not receive full credit.

Tips for Success in our class.

- View the online class videos.
- Attend Zoom sessions.
- Ask questions. You can always e-mail me or ask questions during discussions or office hours.
- Work the assigned homework exercises (+ others!) and share questions.
- Take notes.
- Get help if you need it. Use resources in the Math, Science and Technology Learning Center
  - Resources can be accessed here. http://deanza.edu/studentsuccess/servicesupdate.html
  - For individual tutoring sessions, click here: http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html
- Work with others in this class. Share contact information with classmates and work together.
- Attend office hours. I'm happy to help, and I value your questions. If you have them, others will too.

Accommodations for Students with Learning Differences:

If you have questions about these services or your eligibility for support services or eligibility, contact one of the following resources:

- Disability Support Service (DSS): Student Services Building (408) 864-8753, TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Learning Center West 110 (408) 864-8839
- Special Education Division: (408) 864-8407; www.deanza.edu/specialed

Speak with me privately or e-mail me regarding your accommodations.

Academic Integrity:

Cheating and academic dishonesty aren't tolerated and can result in a grade of 0 or F for the assignment (quiz/exam/other assignment) or a grade of F for the course and referral to the Dean for academic discipline. *Just don't do it.* Any grade of 0 or F for dishonesty will be not be dropped and not replaced.

Cheating includes, but isn't limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction.

Key Dates

JANUARY 4	First day of winter quarter
JANUARY 16	Last day to add classes
JANUARY 18	Last day to drop classes without a W
JANUARY 18	Martin Luther King Jr. Holiday - Campus Closed
JANUARY 29	Last day to request "Pass/No Pass" for 12-week classes
FEBRUARY 12-15	Presidents' Holiday - Campus Closed
FEBRUARY 26	Last day to drop classes with "W"
MARCH 1	Last day to file for winter degree or certificate
MARCH 22-26	Final exams
MARCH 26	Last day of winter quarter

Our class final exam is scheduled to occur on ***Tuesday, 3/23/20 @ 11:30 am – 1:30 pm.***

Disclaimer:
Any of information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and those who are absent will be held responsible for any announced changes to the syllabus.

Thanks for reading this in detail.
If you have any questions at all regarding our class, please ask.
I'm really looking forward working together! ☺

Student Learning Outcome(s):

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