

MATH 31 – Pre-Calculus I: Theory and Functions

MATH 031.15Y – CRN 27574

Class Time: 11:30 – 12:20p Mon, Tue, Wed, Thur In-Person (in G-10)
+ 50 Min/Week is asynchronous and not in person

Instructor: LISA MESH
Office Location: S-43B

E-Mail: meshlisa@fhda.edu

Office Hours: Mon, Tues, Wed & Thurs @ 12:30 – 1:30p in S-43
(I'll be at a table in the Math, Science and Technology Center.)

Course Description

This course covers polynomial, rational, exponential, and logarithmic functions, graphs, solving equations, conic sections, systems of equations and inequalities.

Class Website / Canvas

We'll be using **CANVAS** to manage our class documents and deadlines.

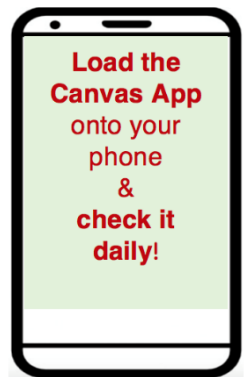
Our Canvas site will open on 9/23/24 at 12:00a. (First day of Spring quarter.)

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:

F24 MATH D031 09Y, 15Y Precalculus I



Load the APP and check the CANVAS homepage daily.

Required Materials (Total Cost: \$61.80)

- ***Please don't purchase anything until we meet on Day 1 of class.***
- Purchase these through our Canvas site on Day 1 of class for a cheaper price than in DA bookstore.
- We'll purchase on first day of class during class and the link for purchase will also be posted in Canvas. Our e-textbook and online homework are bundled for purchase online.
- eTextbook – ***Precalculus with Limits, 5th edition, by Ron Larson.***
- WebAssign (Online homework package.)

Basic Calculator – A scientific calculator will be required for this class, like a TI-35.

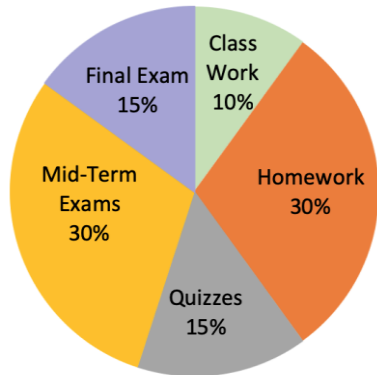
Class Structure

Our class is **in-person Mon – Thurs**. Physical attendance to our class in **G-10 at 11:30 – 12:20p on Mondays-Thurs** will be required.

50 Minutes (or so) will be covered via online videos that each student will be required to watch each week.

Grades

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%

Make up Policy – There are no make ups.

You must take the exams on the dates listed in Canvas. There are absolutely no make-up quizzes or exams. 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 at the date and time above, you must drop the class now.

Dropped/Replaced Grades

- 1) Lowest quiz score is dropped.
- 2) Lowest 2 homework scores will be dropped.
- 3) Lowest class work score will be dropped.
- 4) Lowest exam grade will be replaced by final exam grade *if* the final exam grade is higher than the lowest exam grade.

Class Work (10% of course grade):

We'll complete work in groups during class time. You'll be asked to submit this handwritten work on paper during class.

Homework (30% of course grade):

Homework will be submitted on Canvas using WebAssign and also via scan submissions of handwritten exercises.

These are links that can help you access WebAssign through Canvas.

- Don't enroll or purchase anything until Day 1 of class (Sep 23).
- When we enroll during day 1 of our class, these instructions may be helpful.

https://www.cengage.com/coursepages/DeAnza_DeAnzaGateway

You can work on any homework, save/submit your work, stop, and come back and add to it or change it later, just **remember to SAVE YOUR WORK**. WebAssign will keep track of your progress for you. *When you've completed the assignment, you must click on the Submit for Testing button to get credit.*

You can check your current homework scores by clicking on the **My Assignments** tab.

You can return to any assignment and check the *Solution Key* after the due date/time for the assignment. Click **My Assignments** then click **Past Assignments**.

If you have any further questions about homework, please ask me. Come to office hours or email me at meshlisa@fhda.edu or ask at the beginning of any class.

Quizzes (15% of your course grade):

We'll have about 4 or 5 quizzes. The lowest quiz will be dropped; however, 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 will be timed to last about 20 – 30 minutes. Class policy is that there are no late or make-up quizzes, but your lowest quiz score will be dropped.

Midterm Exams (30% of your course grade):

We will have *3 midterm exams through the quarter in addition to the final*.

Midterm exams will last approximately 60 minutes.

Each of the midterm exams will cover only the material since the previous test.

Exams will be handwritten and will occur during class time.

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.

I understand that you may be required to miss an exam because of circumstances in life, and my policy is that there are no late or make-up exams. That said, if you miss an exam, you'll earn an score of 0 on that exam....and....Your final exam score will replace your lowest midterm exam score, even if your lowest exam score is a zero. 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 (15% of your course grade):

Our Final Exam will occur on Monday, 12/09/24 @ 11:30 – 1:30p in G-10.

The final exam will be 2 hours long, worth at least this percentage of your final grade, and will be required. It will be comprehensive and will include all material covered during the quarter. The final exam will cover material from the whole course.

If English is a second language (ESL), you may use a print (not electronic) English translation dictionary is allowed for exams/quizzes.

If you miss the final exam, you will receive a score of 0 on the Final Exam.

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.

- Attend class and take notes.
- 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.
- Get help if you need it. Use resources in the Math, Science and Technology Learning Center
 - Resources can be accessed here. <https://www.deanza.edu/studentssuccess/mstrc/>
 - For individual tutoring sessions, click here: http://deanza.fhda.edu/studentssuccess/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; <https://www.deanza.edu/dsps/dss/>

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.

HEFAS – Resource Center for Undocumented Students:

HEFAS (Higher Education for AB 540 Students) provides free services, reduces financial stress and creates a safe space for all with an emphasis on undocumented and AB 540 students. They are dedicated to building leaders, promoting social justice, and giving students tools to reach higher education regardless of the barriers that may exist. HEFAS provides free services like books and testing materials and connects students to on and off campus resources including tutoring, counseling and legal aid.

Location: ECOT-2

Website: <https://www.deanza.edu/hefas>

Key Dates

SEPTEMBER 23	Fall classes begin
OCTOBER 6	Last day to add 12-week classes
OCTOBER 6	Last day to drop classes without a "W" status
NOVEMBER 11	Veterans Day holiday – no classes; offices closed
NOVEMBER 15	Last day to drop classes with a "W" status
NOV 28 – DEC 1	Thanksgiving holiday – no classes; offices closed
DECEMBER 9 - 13	Final Exam week
	Our Final Exam is 12/09/24 (Monday) at 11:30a – 1:30p in G-10

*Our class final exam is scheduled to occur on **Monday, 12/09/24, 11:30a – 1:30p.***

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!*

Calendar (Note that this is tentative and is subject to change.)

Week 1 (9/23 – 9/29)	Introduction A4, A5, 1.2
Week 2 (9/30 – 10/6)	1.3, 1.4, 1.5
Week 3 (10/7 – 10/13)	1.6, 1.7, 1.8
Week 4 (10/14 – 10/20)	Exam 1 1.9, 2.1
Week 5 (10/21 – 10/27)	2.2, 2.3, 2.4
Week 6 (10/28 – 11/3)	2.5, 2.6, 2.7
Week 7 (11/4 – 11/10)	Exam 2 3.1, 3.2, 3.3
Week 8 (11/11 – 11/17)	3.4,
Week 9 (11/18– 11/24)	7.1, 7.2 Exam 3
Week 10 (11/25 – 12/1)	10.2, 10.3
Week 11 (12/2 – 12/8)	10.4 Review
Week 12 (12/9 – 12/15)	Final Exam (Monday, 12/9/24 @ 11:30a – 1:30p)

Student Learning Outcome(s):

- Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
- Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

Office Hours:

M,T,W,TH 12:30 PM 01:30 PM In-Person,By Appointment S-43