MATH D31 Q03 27603

Precalculus I (31) and Algebra Support for Precalculus I (231)

Fall 2025

On **Monday, Wednesday, and Thursday 01:30 PM-03:45 PM in G6**

Instructor: Jelena Segan

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

Textbook & Required Materials:

Free Text: *https://openstax.org/details/books/precalculus-2e*

Graphing Calculator: TI-83/TI-83+/TI-84/TI-84+

Computer/smartphone to complete homework assignments and submit activities on Canvas. You should keep a **notebook** where you take notes and work the problems for reference.

Prerequisite(s)
Intermediate Algebra MATH 109, MATH 114 or MATH 130 or equivalent
Advisory(ies)
EWRT 211 and READ 211, or ESL 272 and ESL 273

Attendance:
A major part of the class involves participation, discussing assignments and problems with your classmates. Thus, everyone needs to be doing the same work at approximately the same time. You are expected to meet all deadlines for homework, quizzes, and discussions. We are learning a lot of different concepts that build on one another and it is very difficult to catch up if you fall behind.

Instructor Communication:
I am looking forward to working closely with you this term, and you can expect me to play an active role in our course. I will hold lectures, post announcements every week, and provide detailed feedback on assignments within one week of submission. I will also answer questions throughout the term during the office hours in S55. Please let me know when you need help-that's why I'm here!

Canvas:
This is an in-person course and I will hold live lectures. All class content, assignments and announcements will be on Canvas, which you can access through MyPortal. The course will be divided into weekly modules in Canvas.

Group Activity:
There will be required group activities. Even though the problems will be discussed in group, write up your own solutions independently.

- **Every member** of the group will be taking a role.
- Groupwork is done on paper.
- Your name and your role should be written at the top of the first page.
- Work must be NEAT and ORGANIZED. Do problems IN ORDER.
- It is important for you to SHOW YOUR WORK! You are graded on the work you show to get the final answer, not just the final answer. Be sure to show your "scratch work" that goes with the problem.

Discussions: There will be discussion topics posted throughout the term. The deadline for responding to the topic will be indicated when the assignment is posted. You may not respond to the discussion once the deadline has passed.

Homework:

Written sets for submission: During the term, I will send out homework and group activity sets to be discussed, written up, and submitted on Canvas. Homework and group activities is essential in any math class. You cannot expect to pass the class without putting consistent effort into homework and group activities. Show all work and explain any reasoning. You may not submit your assignments once the deadline has passed.

HW Guidelines:

The process of solving homework problems is reflected in step-by-step solutions. The following are some specific criteria:

Guidelines for homework:

- Your name, class, and section number should be written at the top of the first page.
- Work must be NEAT and ORGANIZED. Write the questions (problems) IN ORDER.
- It is important for you to SHOW YOUR WORK! You are graded on the work you show to get the final answer, not just the final answer. Be sure to show your "scratch work" that goes with the problem.
- Do your work underneath the assigned problem then circle your final answer.
- At the end of each homework assignment, write a brief "Chat" paragraph

  - A key component in learning is thinking about how and what you are learning. What are you doing that is working? What areas could you improve upon? What comes easily for you? Is there a pattern in your homework? At the end of each homework assignment, write a very brief paragraph about what you learned, what you feel you need to review, and any thoughts or feelings you have about the math you're doing. This is also a great opportunity for you to communicate with your instructor! There are no "right" answers. Be honest and use this as a learning process.
- Submit your homework on Canvas or in person

Exam Reviews: There will be an exam review assigned before each exam. The purpose of the review is to aid the student in studying for the exams.

Midterm Exams: There will be three midterm exams. Each midterm exam will focus the material covered since the previous exam. More details on exam dates and procedures can be found in Canvas.

Final Exam: The final exam will cover all material from throughout the term. More details on the final exam will be provided throughout the quarter.

Exams will be in person. Absolutely no makeup tests. If you were to miss an exam or quiz you must inform me of your emergency within 48 hours and provide me with the documentation relevant to your situation. If I don't consider your reasoning as an emergency or if you don't provide me with appropriate documentation in a timely manner, you will receive a zero for that test. Regardless, you will get zero for any other missed tests, emergency or not.
No makeups for the final can be provided. The final grade cannot be dropped.

Grading Policy:

Point Values of Assignments and Assessments		
Category		**Points**
Homework	11 @ 15 points each	165
Participation and Discussions		25
Quizzes	Top 3 @ 20 points each	60
Midterm Exams	2 @ 100 points each	200
Final Exam		150
TOTAL		**600**

A	100%	to 94.5%
A-	< 94.5%	to 89.5%
B+	< 89.5%	to 86.5%
B	< 86.5%	to 83.5%
B-	< 83.5%	to 79.5%
C+	< 79.5%	to 74.5%
C	< 74.5%	to 69.5%
D+	< 69.5%	to 66.5%
D	< 66.5%	to 63.5%
D-	< 63.5%	to 59.5%
F	< 59.5%	to 0%

Important Dates and Deadlines: http://www.deanza.edu/calendar/dates-and-deadlines.html

De Anza Final exams schedule: https://www.deanza.edu/calendar/final-exams.html

For detailed information on Homework, Quizzes, Projects, Discussion please log into your Canvas course page.

Academic Integrity:
All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but you are expected to write up your answers independently. Any instances of cheating or plagiarism will result in disciplinary action, including getting a '0' on the assignment and report to the PSME dean, which may lead to dismissal from the class or the college

Student Honesty Policy:
"Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Disabled Services:
Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to http://www.deanza.edu/dss.

This syllabus is subject to change at the instructor's discretion. Changes will be announced in class and on Canvas.

Recipe for Success:

- If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!
- Visit the Online Tutoring Center.
- Form an online study group.
- Watch all lectures, participate in every discussion, and complete every homework assignment.
- Read the sections to be discussed in class prior to the lecture

Tentative Schedule

	Monday	Wednesday	Thursday
Week 1	Sept 22 Orientations/Questions 1.1	Sept 24 1.2, 1.3	Sept 25 1.1, 1.2, 1.3
Week 2	Sept 29 1.4, 1.5	Oct 1 1.6, 1.7 Quiz 1	Oct 2 1.4, 1.5, 1.6, 1.7
Week 3	Oct 6 2.1, 2.2	Oct 8 2.3, 2.4	Oct 9 2.1, 2.2, 2.3, 2.4
Week 4	Oct 13 3.1, 3.2	Oct 15 Exam 1	Oct 16 3.1, 3.2
Week 5	Oct 20 3.3, 3.4	Oct 22 3.5, 3.6	Oct 23 3.3, 3.4, 3.5, 3.6
Week 6	Oct 27 3.7, 3.8	Oct 29 Quiz 2 3.9	Oct 30 3.7, 3.8, 3.9
Week 7	Nov 3 4.1, 4.2	Nov 5 4.3, 4.4	Nov 6 4.1, 4.2, 4.3, 4.4
Week 8	Nov 10 4.5, 4.6	Nov 12 Quiz 3 4.7, 4.8	Nov 13 4.5, 4.6, 4.7, 4.8
Week 9	Nov 17 9.1, 9.2	Nov 19 Exam 2	Nov 20 9.1, 9.2
Week 10	Nov 24 9.4	Nov 26 11.1, 11.2, 11.3 Quiz 4	Nov 27 No class, Thanksgiving
Week 11	Dec 1 11.6, Review	Dec 3 Review	Dec 4 Review
Week 12	Dec 8 Final Exam, 1:45 PM – 3:45 PM	Dec 10 No class	Dec 11 No class

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:

S 55	W	11:30 AM - 12:30 PM
Zoom,By Appointment	M,W	8:00 AM - 10:00 AM