Math31-01Z-PreCalculus I-Theory of Functions-Spring 2024

Instructor: Gul Yayli - yayligul@fhda.edu

Required Meeting times on Zoom:
Mondays 0:30 am-11:20 am
Tuesdays 10:30 am-11:20 am
Wednesdays 10:30 am-11:20 am
Thursdays 10:30 am-11:20 am

Please refer to Zoom tool on the left-hand side menu of your Canvas to join the meetings. All zoom meetings will be recorded and posted on your Canvas. Students are required to keep their cameras on during our zoom meetings

Office Hours: Friday 3:00 pm-5:00 pm via email.

If you email at yayligul@fhda.edu during the hours below you will get a response right away.

Furthermore, please email me any time at yayligul@fhda.edu , and expect to hear from me within 24 to 36 hours during weekdays.

I also strongly encourage you to email me to schedule a Zoom meeting for extra help.

Prerequisites: Math 114: Intermediate Algebra with a grade of C or better

Student Learning Outcomes:
- 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.

Required Materials:
- Laptop/computer with working and reliable Internet and camera.
- Aleks access code .
- Scanner or camera (can be your phone's camera) to take pictures of your work.
- Paper, pencils, erasers, colored pens, ruler.
- Lecture notes printed/downloaded to use with each in-person lecture and video lecture.
- Scientific calculator.

Textbook: Miller, Inclusive Access Online Access for ALEKS 360 Precalculus 3rd edition with Respondus (18 weeks)ISBN 9781264812813

All class assessments
- **Will be proctored on Aleks.**
- You may not have any earphones/ head gear during assessments. You may not talk to anyone.
- You have to be clearly visible on camera, so please don't wear hats and keep your room well lit.
- Students must submit their Mid-Term Exam and Final Exam Solutions

on Canvas fwithin 15 minutes of submitting it on Aleks.

Evaluation and Grade Break Down

3 Midterm Exams	30% (10% each)
Homework	25%
Quizzes	15%
In class Polls& Zoom Class Participation	10%
Final Exam	20%
Total	100%

A+: (97% - 100%) A: (92% - 96%) A-: (89% - 91%) B+: (87% - 88%) B: (82% - 86%) B-:(79% - 81%) C+: (77% - 78%) C: (69% - 76%) D+: (67% - 68%) D: (62% - 66%) D-: (60% - 61% F: < 60%

Midterm Exams

- Each midterm exam will be 10 percent of your course grade. Therefore, in total 30% of the total grade.
- will be proctored on Aleks .
- Students are allowed to use a page of notes and scientific calculators.
- No make-up, yet your Lowest chapter test score will be exchanged with your final exam grade if final exam grade is higher

Quizzes: **There are several scheduled quizzes on Aleks throughout the quarter.**

- 15% of the total grade
- Several Proctored Quizzes will be given on Aleks.
- Quizzes are based on class work and homework.
- There will be **no** make-up quizzes, therefore the lowest 2 of your quiz scores will not be counted toward your grade.

Homework:

- **Graded homework will be done using Aleks.**
- 25% of the total grade
- You will have regular, required homework to be completed on Aleks, and you can expect to spend several hours a week working on them. Additionally, you have access to the interactive textbook within Aleks.
- Please note that watching assigned videos is a part of your required homework and will help you get credit through your homework.
- Please refer to "Course Orientation Module" on your Canvas for all you need on Getting Started with Aleks.

Poll Questions and Class participation

- Answering Poll Questions and Participating Classes is 10% of the total grade.
- Students are required to answer several poll questions during Zoom Class meetings.
- Students must ensure that their cameras remain activated throughout the Zoom meeting, maintaining an appropriate angle to allow the instructor a clear view of their faces throughout the

entire session.

- Students are required to answer open ended questions and participate group work during breakout sessions

Final Exam: **Thursday, June 27th between 9:15 am -11:15 am 15% of the total grade**

- Comprehensive 2 hour final exam.
- Students are allowed to use a page of notes and scientific calculators.
- All the details regarding your final exam will be posted on your Canvas.
- Students are allowed to use a page of notes and scientific calculators.

Dropping:

- If you want to drop the class, do so according to the procedure listed in the schedule of classes. Failure to do so may result in a grade of F for the course.
- Make sure you pay attention to college dates like the last day to drop a course with No Record, the last day to request a P/NP for a course, and the last day to withdraw from a course.
- **See the Schedule of Classes for these dates on De Anza Website.**

Attendance:

- Regular attendance at classes is required and is considered essential for successful academic work. Attendance is required via actively participating online Zoom classes.
- I expect you to keep your cameras on and fully engaged with the material during our zoom class sessions.
- I might drop any student who has not logged onto the Canvas course or/and did not activate their Aleks online homework website by 6pm on Thursday, January 11.
- Any student who has accumulated the equivalent of **4** absences will be dropped from the class. It is **your responsibility** to drop the class by the appropriate due date. You assume full responsibility for work missed because of absence. If you must miss a class, it is your responsibility to get notes from another student and/or look for missed work &recordings on Canvas.
- Attendance will be taken at the beginning and end of each class meeting, and arriving to class more than **5** minutes after the class starts, or leaving the class more than **5** minutes before class ends will be counted as half absence .
- If you miss any class, you are expected to email me.
- If you miss the first two of the classes, you will be dropped to make room for the wait list students.

Strategies for Success:

- This is an online learning class, therefore your learning will be facilitated by the material that I will be providing through Zoom Class Sessions, Canvas (LMS), and Online Learning and Homework System Aleks.
- It is essential that you keep up on the material and work to be done by setting aside at least 15 hours per week.
- Start the homework long before it is due so that when you have any questions or technical trouble you will have enough time to sort it through.
- Read the textbook. Your Aleks Account Comes with your digital textbook.
- I am going to be helping and supporting you thought the entire quarter, therefore please email me, show up to my in-person Zoom office hours, and post discussion questions in Canvas as soon as you need help.
- Form study groups.
- If you miss a class, be sure to watch the recorded lecture videos on your Canvas. Pause or rewind the video when necessary to take notes and copy down the parts you do not understand to ask me during our office hours or simply via email. I will also make written lecture notes available on your canvas after each zoom class session. I hope that this will help you to follow the course more easily. It will be your job to study/review those lectures notes while watching recorded lectures.

Tutorial Help: Refer to "Office Hours and Tutoring" under the Course Orientation Module of your Canvas.

Academic Integrity: Academic dishonesty will not be tolerated. Students are expected to do their own work on quizzes and exams. Students may work together on homework and group work. Cheating would also involve sharing your group work with another group so that they can copy; in this case, both groups will have cheated and earn a zero on the group work. If a student is found cheating and/or copying on any assignment, test or quiz or violating any other code of academic integrity, he or she will receive a 0 on the assignment and will be reported to college authorities.

Zoom Etiquette: Refer to "Zoom Etiquette" under the Course Orientation Module of your Canvas.

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. More

information is on their webpage https://www.deanza.edu/hefas .

Resources for daily essentials like food, housing, and transportation

De Anza is here to support students with whatever struggles you may have. Please visit here to see the many supports we offer students.

Expectations and How to be successful in the course:

- As a student of an online learning class, be self-directed, manage your time efficiently, and assume greater responsibility for your own learning.
- Attend scheduled zoom-class sessions.
- Follow the Zoom Etiquette best to your ability.
- Show Participation during Zoom meetings by answering Poll Questions, keeping your camera active, and helping your classmates during breakout sessions.
- Do all the assigned homework long before it is due focusing more on the ones you struggle with.
- Do not wait until you are drowning to ask for help.
- Attend my zoom office hours or make an appointment with me at a different time, or send me an email with your questions.
- Ask for help with anything you don't completely understand, even if you got the right answer.
- De Anza College has several resources and accommodations for student success, get to know them and make use of the services, they are all for you.
- Have fun.
- Ask questions, asking questions is a crucial part of learning process.
- Pay attention.
- Stay focused.
- Get frustrated, and then un-frustrated.
- Discuss problems with your classmates, get into study groups.
- Spend at least 2 hours on your course per day, study on daily basis, don't leave it all the last minute.
- Have more fun!

Please note that Information in this syllabus may be changed during the quarter, but you will be informed in advance via email and Canvas notifications.

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:

F	03:00 PM	05:00 PM	Zoom,Email