

## Math31-Q15 & Math-231/431-Q15-Pre-Calculus I-Theory of Functions- Winter 2023

**Instructor:** Gul Yayli - [yayligul@fhda.edu](mailto:yayligul@fhda.edu)

**Required Meeting** Mondays 6:30 pm-8:45 pm

**times on Zoom:** Wednesdays 6:30 pm- 8:45 pm

We will also have meetings on Tuesdays between 6:30 pm – 8:45 pm. Tuesday meetings are highly suggested, yet not mandatory.

During Tuesday meetings attendance will not be taken, but students are required to watch the Zoom Recordings of the session and follow the material covered during the session.

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. You are expected to keep your cameras on during our zoom meetings.

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

**Textbook:** Precalculus 1<sup>st</sup> Edition by Julie Miller and Donna Gerken, ISBN10: 0078035600  
ISBN13: 9780078035609

Digital version of the interactive textbook will be available for student access for free on ConnectMath.

**How to access online** **ConnectMath info**

**homework and digital** You are provided a Financial Aid Access code to be used within the first two  
**textbook:** weeks of classes.

Your Financial Aid Access Code is: **40383-7A204-CCFD5-37858**

The Financial Aid Access Code does not add an additional two weeks to your account.

NOTE: This code gives you temporary access to Connect Math for a two-week period. Once the code expires, you will be locked out of your Connect Math account until you purchase a regular Student Access Code. It is highly recommended that you purchase the Student Access Code BEFORE the two weeks expire to prevent interruptions with your Connect Math account.

**To sign up to Connect Math using the Financial Aid Access Code,**

1. Go to: <https://www.connectmath.com>
2. Click on the "Sign up now!" link located under "NEW USER?"
3. Enter your Course Code: **JXMLJ-XKJY6** and press "Continue".

4. Verify that you are registering for the correct class your class name is: **WINTER 2023-PRECALCULUS-MATH D031..Q15** click on "Confirm."
5. Continue with the registration process until your account has been set up successfully.
6. On the Apply Access page, enter the 20-character Financial Aid Access Code **40383-7A204-CCFD5-37858** and click "Continue."
7. Next you will see a page with the date your temporary access expires, click "Continue."
8. You will arrive at the My Classes page.
9. You can extend your Connect Math account at any time by selecting "Extend access" from the class tile menu and enter your new access code. You do NOT need to create a new Connect Math account to continue your class.

## Course Structure & Content

This is an online class, and the instructional method is synchronous. Lectures will be delivered online via Zoom during scheduled class times. Zoom Lectures will be recorded and will be accessible on your Canvas. We'll be **using CANVAS to manage our class documents and deadlines**. Furthermore, your mid-term exams, quizzes and final exam will be on Canvas. Please be sure to download your Canvas app to your phone, and check it daily for updates, messages, and announcements. For homework we will be using **ConnectMath**. Your homework will include watching tutorial videos and answering online questions.

- This course is
  - Required for students who had a high school GPA that is less than 2.3
  - Recommended for students who had a high school GPA that is between 2.3 and 2.99
  - Optional for all other students.
- Students in this class will receive 7.5 credit hours for taking this class and its co-requisite course and the course has two components.
  - MATH 31 covers all required topics in PreCalculus I. Your grade in this portion of our class will count for 5 credit hours and will impact your De Anza GPA (grade point average).
  - MATH 231/431 is extra time and review of key concepts related to our class. This is the **co-requisite portion** of our class. I am not going to teach Math 23/431 as a separate class, which means our online meetings will be lectures and Algebra reviews intertwined on Mondays and Wednesdays.
  - Students have a **choice of enrollment type for the co-requisite portion of our class**, but you must make this choice during the first 2 weeks of the Winter Quarter. **(That is, by 12/21/2023)**
    1. You can take this portion of your course for **credit (even though that credit will not transfer)**.

- a. You will *pay for the 2.5 hours* our course.
  - b. You will be *graded* for this portion of the course. (Your grade will be the same as the 31 portion of our course).
  - c. The *grade that you receive for this portion of our class will be included in your De Anza College GPA (grade point average)*.
  - d. You will receive 2.5 hours credit for this course, but *those 2.5 hours are not transferrable to your later university*.
2. You can take this portion of your course as a **non-credit** course.
- a. You will *not pay for the 2.5 hours of our course. That is, this portion of the course will be free for you*.
  - b. You will be graded for this portion of the course. (Your grade will be the same as the 31 portion of our course), but *the grade that you receive for this portion of your class will not be included in (and will not impact) your De Anza College GPA*.
  - c. You will *not receive any credit for this portion of your course*.
  - d. You must
    - i. **Drop MATH D231.Q15, CRN 36448 by 12/22/2023**
    - ii. **Add MATH D431.Q15, CRN 38292 before 12/21/2023**

*If you are on a student visa, receiving financial aid, or part of a sports team, College Promise, or some other program that has a minimum unit requirement, you should speak with a counselor or advisor before switching to this non-credit option.*

*One last item to keep in mind, once you make this decision, there's no going back. You must stay with your final choice.*

- All class assessments**
- Will be on Canvas during our zoom class sessions on Thursdays.
  - Will be on zoom with videos on, therefore make sure you have a WORKING camera from day one.
  - When you are done with the assessment, you will first submit the test, then log out of canvas and LASTLY switch off the camera and log out of zoom (if the class is over).
  - You may not have any ear phones/ 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 lighted.

|   |                             |     |                |
|---|-----------------------------|-----|----------------|
| <b>Evaluation and Grade Break Down:</b> | 4 Chapter Tests (on Canvas) | 30% | (7.5 % each)   |
|   | Group Work (on ConnectMath) | 10% |                |
|   | Homework (On ConnectMath)   | 30% |                |
|   | Quizzes (on ConnectMath)    | 15% |                |
|   | Canvas Q&A and Discussions  | 2%  | (Extra Credit) |

|                        |      |
|------------------------|------|
| Final Exam (on Canvas) | 15%  |
| Total                  | 102% |

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%

**Some important Dates:**

|                 |                                       |
|-----------------|---------------------------------------|
| January 21      | Last Day to Add.                      |
| January 22      | Last day to drop without a W          |
| January 16      | Martin Luther King Jr. Day-no classes |
| February 17-20  | Presidents Day-no classes             |
| March 3         | Last Day to drop with a W             |
| <b>March 29</b> | <b>Final Exam</b>                     |

**Homework: Graded homework will be done using **Connect Math**.**

- 30% of your grade.
- Weekly homework is always due on Sunday at 11:59 pm
- You will have regular weekly required assignments on ConnectMath, and you can expect to spend several hours a week working on them.
- Your homework will include watching tutorial videos and answering online questions.
- You are expected to watch related tutorial videos as a part of your homework before coming to your zoom class.
- Watching tutorial videos will be your prerequisite for answering online questions, therefore please watch the tutorial videos for the related work before proceeding with your online homework questions.
- This is your graded homework, and you will be allowed several, and sometimes unlimited attempts at each chapter assignment for each question.
- If you never open an assignment before it's due date, or do not attempt any of the questions; you will not be able to access that assignment once it's due date is passed. Therefore, I strongly recommend that you attempt each and every assignment with a timely manner.
- You will be allowed to continue working on the assignments after their due dates. Every question that you answer after the due date will have a 50% penalty.

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

- 15% of your Grade
- Quizzes are based on class work and homework.

- There will be **no** make-up quizzes, therefore the lowest 1 of your quiz scores will not be counted toward your grade.

- Exams:**
- Each chapter test will be 7.5 percent of your course grade. Therefore, in total 30% of your grade.
  - 4 Chapter Tests will be given on Canvas
  - No make-ups, yet your Lowest chapter test score will be exchanged with your final exam grade if final exam grade is higher.
  - Please refer to your tentative Course Calendar for exam dates and coverage.

- Group Work**
- 10% of your grade.
  - Students will complete the work in groups during zoom classes and submit on Canvas.

- Canvas Q&A and Discussions:**
- 2% Extra Credit
  - At De Anza College we care highly about forming a strong learning community. Your contributions to class discussions will help to strengthen our learning community. Therefore, please ask and answer questions to support and help each other learn.

**Final Exam:** Final Exam will be held on **Wednesday, January 29, between 6:15 pm to 8:15 pm.**

- 15% of your grade.
- Comprehensive 2-hour final exam.
- All the details regarding your final exam will be posted on your Canvas.

- 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 ConnectMath online homework website by 6pm on Sunday, January 15<sup>th</sup>.
  - 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 Homework System ConnectMath.
- 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 ConnectMath 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 daily scheduled zoom-class sessions.
- Participate, collaborate and take responsibility for your group work during and outside of zoom lecture sessions.
- Follow the Zoom Etiquette best to your ability.
- Participate Q&A discussions on Canvas.

- 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 the 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!



### TENTATIVE COURSE CALENDER

|                            |  |  |
|----------------------------|--|--|
| Week 1 (01/9-01/15)        | Introduction, Review of related algebra, 1.1,1.2                                 |  |
| Week 2 (01/16-01/22)       | Review of related algebra, 1.3, 1.4  |  |
| Week 3 (01/23-01/29)       | Review of related algebra ,1.5, 1.6  |  |
| Week 4(01/30 – 02/05)      | Review of related algebra, 1.7, 1.8, 2.1,  | <b>Exam 1 on Wednesday, February 1<sup>st</sup></b>  |
| Week 5 (02/06 – 02/12)     | Review of related algebra, 2.2, 2.3  |  |
| Week 6 (02/13 – 02/19)     | Review of related algebra, 2.4, 2.5  | <b>Exam 2 on Wednesday, February 15<sup>th</sup></b> |
| Week 7 (02/20 –02/26)      | Review of related algebra, 2.6 3.1, 3.2  |  |
| Week 8 (02/27– 03/05)      | Review of related algebra, 3.3,3.4, 3.5  | <b>Exam 3 on Wednesday, March 1<sup>st</sup></b>     |
| Week 9 (03/06 – 03/12)     | Review of related algebra, 8.1, 8.4, 8.5   |  |
| Week 10 (03/13- 03/19)     | Review of related algebra, 11.1, 11.2, 11.3                                      | <b>Exam 4 Wednesday, March 15<sup>th</sup></b>       |
| Week 11 (03/20– 03/26)     | Review of related algebra, 10.1, 10.2, 10.3                                      |  |
| Week 12<br>(03/27 – 03/31) | <b>Final Exam<br/>Wednesday, January 29,<br/>between 6:15 pm to 8:15<br/>pm.</b> |  |

Topics for review of related algebra will be covered during our zoom sessions, furthermore I will be posting related material weekly on your Canvas, in addition to all those, watching related tutorial videos for those review parts and answering relevant online questions will be a part of your weekly homework so that you will be getting a solid foundation on your corequisite course-Math231.

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:**

W      05:00 PM      06:00 PM      Email By Appointment