DeAnza College

Fall 2023 MATH 31 –19 MW 1:30 – 3:45 L61

Instructor:	Lin Zhang **Email**: zhanglinlin@fhda.edu **Canvas:** https://deanza.instructure.com/
Meeting: In-person	**L61 MW 11:00 – 01:15 PM** for section 11 **MW 01:30 – 03:45 PM** for section 19
Office Hours:	**L61 MW** 10:30 – 11:00 AM for section 11 **MW** 03:45 – 04:15 PM for section 19
Textbook:	Pre-Calculus (OpenStax) by Jay Abramson Free Download: https://openstax.org/details/books/precalculus-2e
Homework:	MyOpenMath.com (It's linked through Canvas)
Equipment:	**Graphing Calculator (**TI 83, TI 84,…)

1. **Prerequisite:**
   None

2. **Course Objective:**
   - Examine the definition of a function and investigate the implications of this concept
   - Graph and analyze polynomial, Rational, Exponential and Logarithmic functions and solve related equations and inequalities. Also solve their applications.
   - Examine conic sections graph and properties.
   - Examine sequence and series notations and calculations

3. **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.

4. **Drop Policy:**
   This is a on campus class. Students must remain active by coming to classes. There is NO Zoom meetings and/or online option. Students who have 3 or more consecutive absents may risk of being dropped. BUT, it is always **your responsibility to drop the class** if you feel like you cannot continue.

5. **Tutoring**

   The Math, Science, and Technology Resource Center **(S43** or **online)** provides free individual and small group drop-in services **Monday – Thursday 9AM – 6PM**. For more information, go to www.deanza.edu/studentsuccess/mstrc

3. **Academic Integrity:**

   Students are expected to complete their own work. Working with others to solve problems and independently writing up answers is fine. However, copying another student's solutions verbatim is not. All exams will be done online through Canvas, and there is no formal proctoring system in place. I am going to trust everyone to do their best without seeking answer somewhere else.

6. **Support Services**

   Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. For more information, please visit the DSS office www.deanza.edu/dsps/dss.

7. **Important Dates:**

   Saturday, 10/7: last day to add
   Sunday, 10/8 last day to drop with no record online.
   Friday, 11/17 last day to drop with a "W".
   Thursday 11/23 – 11/26 Thanksgiving holiday, No classes

   Monday 12/11 Final Exam 11:30 – 1:30 PM for section 11
   01:45 – 3:45 PM for section 19

8. Grade:

It is your responsibilities to check Canvas at least once a week to monitor your grades for the class.

InClass (drop 2)	15%
Homework	15%
Quizzes (drop 1)	10%
3 Exams	45%
Final Exam	15%
Total	100%

A: 90-100%
B: 80-89%
C: 70-79%
D: 60–69%
F: 0-59%

InClass:

Each lesson has in-class practice near the end. You will complete the handout and turn them in. Keep in mind that your problems are very similar to the ones I do, but adapted with different numbers. In the events of absence, you will receive zero for the in-class. Two lowest scores will be dropped for overall grade calculation at the end of the term.

Homework:

Homework assignments are assigned from **textbook**, but you need to submit your answers to MyOpenMath (embedded in Canvas). Even I don't collect your work, you are still encouraged to work out the problem on a piece of paper.

Late Work Policy

Each student are given **5 late passes (5-day extension each)** this quarter. After a homework assignment is due, you should see a "late pass" button in the description of the assignment. If an assignment is due on 1/12, using one late pass will extend the due date to 1/17. After using all your late passes, you can complete an assignment in "Practice mode", and there is a 15% penalty when I record your grade later.

Quizzes:

A weekly quiz will be given each Monday unless there is a test. The quiz is open notes. You can use your lesson notes (on paper or on computer). One lowest score will be dropped for overall grade calculation at the end of the term.

Chapter Exams:

Three exams will be given with opportunities of test corrections. You CAN'T drop any exam. The week after the exam, you will be given a chance to do **Test correction** to earn up to 30% of the points you lose from an exam. Test correction contains similar problems from exams, and you only need to correct the ones you lose points. More details will be explained in class later.

Final Exam:

You must participate in the final exam. If you miss it, you will receive zero as the score. There is no test correction opportunity for final exam.

9. Class Calendar

Week	Month	Tuesday	Thursday	Notes
1	**September**	25 1.1/1.2 Ch 2	27 Ch 2	
2	**October**	2 **Quiz 1** 1.4/1.5 Ch 4A	4 1.5/1.7 Ch 4A	**Saturday, 10/7:** last day to add **Sunday, 10/8 :** last day to drop with no record online.
3	**October**	9 **Quiz 2** Ch 4A	11 Ch 4B	
4	**October**	16 Ch 4B	18 **Test 1** (Ch1 Ch 2 & Ch 4A)	
5	**October**	23 **Quiz 3** Ch 3	25 Ch 3	
6	**November**	30 **Quiz 4** Ch 3	1 Ch 3	
7	**November**	6 **Quiz 5** Ch 3	8 Ch 9	
8	**November**	13 **Test 2** (Ch 4B & Ch 3)	15 Ch 9	**Friday 11/17** last day to drop with a "W".
9	**November**	20 **Quiz 6** Ch 10	22 Ch 10	**11/23–26** Thanksgiving holiday
10	**November**	27 **Quiz 7** Ch 10	29 Ch 10	
11	**December**	4 **Test 3** (Ch 9 & Ch 10)	6 **Quiz 8** review	
12	**December**	11 **Final Exam**	**11:30 – 1:30 PM** for section 11 **01:45 – 3:45 PM** for section 19	

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,W	10:30 AM	11:00 AM	In-Person	L61
M,W	03:45 PM	04:15 PM	In-Person	L61