



Math 1A
Winter 2026

Instructor: John Jimenez	Class :	MTWR 11:30a-12:20a MLC260
Email: jimenezjohn@fhda.edu	Office hours by apt.:	Days/Times via Zoom Schedule appointments in advance here .

Required Text and Recommended Materials:

- Textbook: Our (free) textbook will be Calculus I: Differential Calculus from LibreCommons.
<https://commons.libretexts.org/book/math-160741>
- Access to <https://deanza.instructure.com/>. Canvas is where all the course information will be available. Information regarding grades, announcements, resources, etc.
- The [following link](#) contains a list of calculators that are approved for exams and quizzes. Only the list of approved calculators can be used on exams and quizzes. For homework, you can utilize resources such as your notes, the textbook, www.desmos.com, www.wolframalpha.com, AI, your calculator etc. However, it is your responsibility to understand the homework and not plagiarize, copy, or turn in work you do not comprehend.

Grading:

Class Activities	Homework	Quizzes	Exams	Final
10%	15%	25%	30 %	20 %

Grading scale where x = your grade
A+ $97\% \leq x$
A $92\% \leq x < 97\%$
A- $90\% \leq x < 92\%$
B+ $87\% \leq x < 90\%$
B $82\% \leq x < 87\%$
B- $80\% \leq x < 82\%$
C+ $77\% \leq x < 80\%$
C $70\% \leq x < 77\%$
D+ $67\% \leq x < 70\%$
D $62\% \leq x < 67\%$
D- $60\% \leq x < 62\%$
F $x < 60\%$

Class Activities 10 %: Class activities will be assigned each class session to promote student engagement with the course material and attendance. The activities will be given in class and inspected and or turned in during the same class session.

Homework 15 %: Weekly homework will be assigned at the beginning of every lecture week and due a week later at the start of class. Homework will be graded on completion, correctness, and clarity. The lowest homework score will be dropped.

Quizzes 25 %: Weekly quizzes will be given promptly at the start of class at the beginning of each week. The format of quizzes can range from calculation, theoretical, multiple choice, short answer, essay, etc. Quizzes will be timed appropriately depending on the style of questions that are asked. Quizzes will be graded on completion, correctness, and clarity. The lowest quiz score will be dropped.

Exams 30 %: Three exams will be given throughout the quarter. The final will replace the lowest exam score.

- Exam 1 1/26/2026.
- Exam 2 2/17/2026
- Exam 3 3/09/2026

Final 20 %: The final for this course will be a two-hour cumulative exam. Note that the final will replace the lowest exam score.

- Final 3/23/2026 at 11:30AM-1:30PM

Makeup and Assignment Policies: There are no makeup assignments. All grades are final and miss assignments cannot be retaken before or after the time they are due. Emergencies do happen, which is why the lowest homework and quiz scores are dropped and the final replaces the lowest exam. If you take your exams, quizzes, or the final in the DSS center, it is your responsibility to reserve a time with the DSS testing facility prior to the assignment date. An assessment is defined as any material that is assigned by the instructor and to be completed by the student for a grade in the course. No calculators will be needed in this class however, a scientific calculator may be used. Calculators that perform differentiation, integration, or graphing are not allowed on exams or quizzes.

Resources to Succeed in this Course:

- Free on campus tutoring for math in the Math, Science & Technology Resource Center located in S43. <https://deanza.edu/studentsuccess/mstrc/>
- The MESA center located in S54 has drop-in tutoring. <https://www.deanza.edu/mesa/>
- After-hours or weekend tutoring. See the [Online Tutoring](#) page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).

Classroom Attendance and Participation Protocol: Arrive to class on time. Arriving late is distracting to the class and also counterproductive toward your chances of doing well in the course. Many of the lectures in a math class can be dense and catching up on your own outside of the classroom will be significantly more difficult. The usage of smart devices, phones, or laptops in class is not permitted and they must be put away during lecture. Required usage of a device outlined in documentation provided by the DSS offices will be honored. Otherwise, no usage is allowed. Tablets may be used for note taking but they must be level with the writing surface, not upright.

Disability Statement: If you have a disability related need for academic accommodations or services in this course, you will need to provide me with a Test Accommodation Verification Form (TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give a two week notice if they are in need of accommodations. For those students with disabilities, you can obtain a TAV form from their DSS counselor (408 864-8753 DSS main number) or EDC advisor (408 864-8839 EDC main number). The application process can be found here: <https://www.deanza.edu/dsps/dss/applynow.html>

Academic Integrity: Students suspected of academic dishonesty shall be subject to College discipline which include suspension and or expulsion for any of the following misconduct that occurs at any time on campus or at any off campus facility, including internet-based courses held on the worldwide web, or college-approved or sponsored functions. Additionally a failing grade will be given to the student on the exam, quiz, or final that academic dishonesty has taken place. These standards are intended to promote responsible student conduct and fair play. For more details, see Administrative Procedure 5520: Student Discipline Procedures. https://www.deanza.edu/policies/academic_integrity.html.

Tentative Course Schedule:

Winter 2026 [Textbook Link](#)

PRIORITY KEY

High Medium Low

Week	MONDAY		TUESDAY		WEDNESDAY		THURSDAY	
Week 1	Calculus Preparedness Questionnaire		2.1 A Preview of Calculus		2.2 The Limit of a Function		2.3 The Limit Laws	
Week 2	Homework 1 Due Quiz 1 2.3 Limit Laws		2.4 Continuity		3.1 Defining the Derivative		3.2 The Derivative as a Function	
Week 3	Martin Luther King Jr. Holiday		Homework 2 Due Quiz 2		3.3 Differentiation Rules		3.3 Differentiation Rules	
Week 4	Homework 3 Due Exam 1		3.5 Derivatives of Trigonometric Functions		3.5 Derivatives of Trigonometric Functions		3.6 The Chain Rule	
Week 5	Homework 4 Due Quiz 3		3.6 The Chain Rule		3.7 Derivatives of Inverse Functions		3.8 Implicit Differentiation	
Week 6	Homework 5 Due Quiz 4		3.9 Derivatives of Exponential and Logarithmic Functions 4.1 Related Rates		4.1 Related Rates		4.1 Related Rates	
Week 7	Presidents' Holiday		Exam 2 Homework 6 Due		4.3 Maxima and Minima		4.3 Maxima and Minima	
Week 8	Homework 7 Due Quiz 5		4.5 Derivatives and the Shape of a Graph		4.5 Derivatives and the Shape of a Graph		4.6 Limits at Infinity and Asymptotes 4.7 L'Hôpital's Rule	
Week 9	Homework 8 Due Quiz 6		4.7 L'Hôpital's Rule		4.9: Newton's Method		4.2 Linear Approximations and Differentials	
Week 10	Exam 3 Homework 9 Due		4.8 Applied Optimization Problems		4.8 Applied Optimization Problems		5.1 Parametric Equations	
Week 11	Homework 10 Due Quiz 7		5.2 Differential Calculus of Parametric Curves		4.4 The Mean Value Theorem		4.10 Antiderivatives	
Week 12 Finals Week	Final Exam is on Monday 11:30AM-1:30PM							

Important Dates:

- 1/18 Last day to drop classes without a W
- 1/19 Martin Luther King Jr. Holiday - no classes, offices closed
- 2/13-16 Presidents' Holiday - no classes, offices closed
- 2/27 Last day to drop classes with a W

For a comprehensive list of important dates see <http://www.deanza.edu/calendar/>.

Course Description: Fundamentals of differential calculus. (5 units)

Student Learning Outcome(s):

- Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
- Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
- Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Office Hours:

F 8:00 AM - 12:00 PM

Zoom