

COURSE SYLLABUS DE ANZA COLLEGE Sept 26 – Dec 16, 2022

MATH 1A CALCULUS I 5 units
Section: 25687 T, Th: 6:30pm-8:45pm Room: ONLINE

Instructor: Duc Q. Nguyen, Ph.D. Office: ONLINE
E-mail: nguyenducq@fhda.edu

COURSE INFORMATION

Prerequisite: Mathematics 43 (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Required Text/Materials: Calculus, Early Transcendental Functions, 9th Edition, by James Stewart.

Homework: You are expected to do homework on the sections that are covered during class. I have included a list of suggested homework problems from sections. Home work will NOT be collected. Quizzes and tests will be given to ensure that homework is being done on a regular and timely basis.

Quizzes: quizzes based on homework type problems are given on Canvas. Please see the schedule for the date of the quizzes. No make-up is given.

Exams: Three Zoom proctored Midterms and a Final. No make-up is given.

Calculator – Graphing calculator (numerical but not symbolic).

Grades SCALE:

| | | | |
|----------------|---------|-------------------------------------|-------------------------------------|
| Mid-term Exams | 375 pts | T _{>=} 594 (99%) = A+ | T _{>=} 474 (79%) = B- |
| Quizzes | 100 pts | T _{>=} 558 (93%) = A | T _{>=} 453 (75.5%) = C+ |
| Final Exam | 125 pts | T _{>=} 537 (89.5%) = A- | T _{>=} 420 (70%) = C |
| | | T _{>=} 516 (86%) = B+ | T _{>=} 360 (60%) = D |
| TOTAL (T) | 600 pts | T _{>=} 495 (82.5%) = B | T _{<=} 360 = F |

Important dates:

- Last date to drop class with no record of grade : **10/09/2022**
- Last day to drop with a "W": **11/18/2022**

NOTE:

This course is going to be a combination of synchronous and asynchronous learning. The students are expected to take midterms and final exam during the scheduled class time as mentioned in the syllabus. The rest of the course will be considered asynchronous so that you are not expected to be present to watch the videos of the lectures. The lecture will be pre-recorded and the link will be posted on Canvas each week.

SPECIAL INFORMATION

Disability Assistance: If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8839) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Academic Dishonesty : Academic dishonesty, in all of its forms, including plagiarism, is not allowed. Students found responsible for violating this rule may be given a failing grade in the specific course and are subject to further disciplinary action. Specifically, students who are caught cheating will be given a zero score on the quiz or exam in question and be reported to the Dean of the PSME Division.

Students' Responsibility : Students should behave as educated adults. You should try to understand your strengths and weaknesses so that you can maximize your learning potential. Since the pace of the class may be quite fast at times, you should ask for assistance as soon as you realize that you are falling behind. Instructor is always available for help or advice.

Plan early so that you have more options !

Student Services:

- <http://www.deanza.edu/student-services/>
- De Anza College has many support services to help you succeed in college. This web site leads you to information about financial aid, child care, counseling, academic support, disability support, student activities, and other services that are here for you. The physical location for most of these services is in the Student Community Services Building.
- Tutors are available in S-43, the math and science tutoring center. The tutoring center offers tutor-led study groups and tutors as assistants in the labs (S42 and S48). Go to S-43 to sign up for tutoring.
- Students are encouraged to form study groups. Go to S-43 for help in creating a group with a tutor.

The instructor may make changes in the syllabus during the quarter. It is the student's responsibility to stay informed of these changes. Students may contact the instructor during office hours and before/after class, time permitting. Students may also wish to have a study partner whom they can contact if they miss class.



PSME Fall 2022 Academic Calendar

| | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Week |
|------------------|--|--|------------------------------|-----------|---|--|-------------------------------------|------|
| September | 18 | 19 | 20 <i>Opening Days!!!</i> | 21 | 22 | 23 | 24 | |
| October | 25 | 26 <i>First Day of Fall Quarter</i> | 27 <i>Intro, 2.1</i> | 28 | 29 <i>2.2, 2.3</i> | 30 | 1 | 1 |
| | 2 | 3 | 4 <i>2.4, 2.5</i> | 5 | 6 <i>2.6, Quiz 1</i> | 7 | 8 <i>Last day to add classes</i> | 2 |
| | 9 <i>Last day to drop W/out "W"</i> | 10 | 11 <i>2.7, 2.8</i> | 12 | 13 <i>3.1, Quiz 2</i> | 14 | 15 | 3 |
| | 16 | 17 | 18 <i>3.2, 3.3</i> | 19 | 20 <i>EXAM 1</i> | 21 | 22 | 4 |
| | 23 | 24 | 25 <i>3.4, 3.5</i> | 26 | 27 <i>3.6, Quiz 3</i> | 28 | 29 | 5 |
| November | 30 | 31 | 1 <i>3.9</i> | 2 | 3 <i>3.10, Quiz 4</i> | 4 | 5 | 6 |
| | 6 | 7 | 8 <i>4.1, 4.2</i> | 9 | 10 <i>EXAM 2</i> | 11 <i>Campus Closed</i> | 12 | 7 |
| | 13 | 14 | 15 <i>4.3, 4.3</i> | 16 | 17 <i>4.5, Quiz 5</i> | 18 <i>Last Day to Drop With "W"</i> | 19 | 8 |
| | 20 | 21 | 22 <i>4.6, 4.7</i> | 23 | 24 <i>Thanksgiving Campus Closed</i> | 25 <i>Holiday Closed</i> | 26 | 9 |
| December | 27 | 28 | 29 <i>4.8, Quiz 6</i> | 30 | 1 <i>10.1</i> | 2 | 3 | 10 |
| | 4 | 5 | 6 <i>10.2</i> | 7 | 8 <i>EXAM 3</i> | 9 | 10 | 11 |
| | 11 | 12 | 13 <i>NO CLASS</i> | 14 | 15 <i>FINAL (6:15PM-8:15PM)</i> | 16 | 17 | 12 |

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:

Zoom

T,TH

08:45 PM

09:15 PM