

COURSE SYLLABUS DE ANZA COLLEGE JUNE 27–AUG 06, 2022

MATH 1D CALCULUS 5 units
Section: 00665 ONLINE Room: ONLINE

Instructor: Duc Q. Nguyen, Ph.D.
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Office: ONLINE

COURSE INFORMATION

Prerequisite: Math 1C or the equivalent with a grade C or better

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. You will be given ample opportunities to ask questions concerning with homework problems through emails or zoom sections.

Quizzes: There are 5 quizzes total. Please see the schedule for the date of the quizzes. **No make-up is given.**

Exams: There will be **three two-hour Exams** and a **two-hour Final Exam** for this class. **No make-up is given.**

NOTE: Online quizzes and exams will open for 48 hours before the due date. When you open the Exam, you will have two hours to finish and submit the exam. Although there is NO time limit for the quiz, you have to submit the quiz before the due date.

Calculator – Graphing calculator (numerical but not symbolic).

Grades SCALE:

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

This course is going to be an asynchronous learning experience. The students are expected to watch the lecture videos, take notes, complete homework assignments and take either a quiz or an exam every week. If you have any questions, you can ask me during office hours or email me anytime. Although you will be able to watch the videos at your own time and pace, you are expected to complete them in a timely manner so that you are ready to take the quiz/exam and submit them by due date. The lecture will be pre-recorded and the link will be posted on Canvas each week. Please plan to log in to Canvas frequently 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.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Week 1	June 27 Introduction 12.6, 14.1	June 28 14.2, 14.3	June 29 14.4, 14.5	June 30 14.6 QUIZ I
Week 2	July 4 HOLIDAY	July 5 14.7 QUIZ II	July 6 14.8	July 7 EXAM I
Week 3	July 11 15.1, 15.2	July 12 15.3 QUIZ III	July 13 15.4, 15.5	July 14 15.6 QUIZ IV
Week 4	July 18 15.7, 15.8	July 19 15.9	July 20 16.1	July 21 EXAM II
Week 5	July 25 16.2, 16.3	July 26 QUIZ V 16.4	July 27 16.5, 16.6	July 28 EXAM III
Week 6	Aug 1 16.7, 16.8	Aug 2 16.9	Aug 3 REVIEW	Aug 4 FINAL EXAM

Student Learning Outcome(s):

*Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.

*Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.

*Synthesize the key concepts of differential, integral and multivariate calculus.