

COURSE SYLLABUS DE ANZA COLLEGE JAN 8–MAR 30, 2018

MATH 1D CALCULUS 5 units
Section: 01240 T,Th: 6:30pm-8:45pm Room: S46

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

Office: S46
Office Hours: 8:45p.m.-9:15p.m.

COURSE INFORMATION

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

Required Text/Materials: **Calculus, Early Transcendental Functions, 8th 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 at the beginning of every class.

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

Exams: **Three Midterms** and a **Final** are given in class. No make-up is given.

Calculator – Graphing calculator (numerical but not symbolic).

Grades SCALE:

Mid-term Exams	375 pts	T _{>} =579 (96.5%) = 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 : **01/21/2018**
- Last day to request P/NP grade: **02/02/2018**
- Last day to drop with a “W”: **03/02/2018**

Attendance: It is mandatory to attend every session. If you cannot attend class due to an emergency, find out what you missed as soon as possible by contacting another classmate, class website or me (you may miss important announcements, handouts, exam tips, etc.). You may be dropped from class automatically if you miss three or more consecutive sessions. **It, however, is your responsibility to drop the course officially, should you decide to attend the class no longer.**

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 tolerated. 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. A repeat incident will result in expulsion.

Disruptive Behavior: Students are required to respect classroom activities and show common courtesy to both instructor and peers. Behavior such as excessive discussion between classmates on content which is unrelated to course materials will not be tolerated. It is the instructor's discretion to determine what disruptive behavior is and request appropriate remedy which may result in student's expulsion from the class.

Please turn your cell phone ring into vibration mode.

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 !

The instructor may make changes in the syllabus during the semester. 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		Jan 09 Introduction 14.1		Jan 11 14.2, 14.3
Week 2		Jan 16 14.4, 14.5		Jan 18 14.6 QUIZ 1
Week 3		Jan 23 14.7, 14.8		Jan 25 14.8 QUIZ 2
Week 4		Jan 30 Review 15.1		Feb 1 EXAM 1
Week 5		Feb 6 15.2, 15.3		Feb 8 15.4 QUIZ 3
Week 6		Feb 13 15.5, 15.6		Feb 15 15.6, 15.7 QUIZ 4
Week 7		Feb 20 15.8 Review		Feb 22 EXAM 2
Week 8		Feb 27 15.9, 16.1		March 1 16.2, 16.3
Week 9		March 6 16.4 QUIZ 5		March 8 16.5, 16.6
Week 10		March 13 16.7 QUIZ 6		March 15 16.8, 16.9
Week 11		March 20 EXAM 3		March 24 REVIEW
Week 12		March 27 NO CLASS		March 29 FINAL EXAM (6:15PM – 8:15PM)

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.