

COURSE SYLLABUS DE ANZA COLLEGE JULY 3–AUG 11, 2017

MATH 1A CALCULUS 5 units
Section: 00658 M,T,W,Th: 5:30pm-7:45pm Room: S16

Instructor: Duc Q. Nguyen, Ph.D.
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Office: S16
Office Hours: TBA

OUTCOME

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

COURSE INFORMATION

Prerequisite: Math 43 (with a grade of C or better), or equivalent

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 – TI83+/TI84 graphing calculator. **TI89 or any similar symbolic calculator will not be allowed on exams.**

Grades SCALE:

Mid-term Exams	125 pts	T \geq 579 (96.5%) = 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

Important dates:

Last day to **add/drop** classes: **For deadlines to drop with a refund and without and with a "W" grade, go to [MyPortal](#) > Students Tab > My Courses > View Your Class Schedule. Dates are enforced.**

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	July 3 Introduction 2.1, 2.2	July 4 HOLIDAY	July 5 2.2, 2.3, 2.4	July 6 QUIZ I 2.4, 2.5
Week 2	July 10 QUIZ II 2.5, 2.6, 2.7	July 11 2.7, 2.8 REVIEW	July 11 2.8 EXAM I	July 12 2.8, 3.1, 3.2
Week 3	July 17 QUIZ III 3.2, 3.3	July 18 3.4, 3.5	July 19 3.5, 3.6	July 20 QUIZ IV 3.9, REVIEW
Week 4	July 24 EXAM II	July 25 3.10, 4.1, 4.2	July 26 4.2, 4.3	July 27 4.4, 4.5
Week 5	July 31 QUIZ V 4.5, 4.7	Aug 1 4.7, 4.8	Aug 2 4.9, 10.1 REVIEW	Aug 3 EXAM III
Week 6	Aug 7 QUIZ VI 10.1, 10.2	Aug 8 10.2	Aug 9 REVIEW	Aug 10 FINAL EXAM