

COURSE SYLLABUS DE ANZA COLLEGE JAN 5–MAR 27, 2015

MATH 1A CALCULUS I 5 units

Section: 01224 Tu, Th: 6:30pm-8:45pm Room: E32

Instructor: Duc Q. Nguyen, Ph.D.
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Office: E32
Office Hours: T,Th 8:45pm-9:15pm

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: 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, 7th Edition, by James Stewart.**

Homework: You are expected to do homework on the sections that are covered during class. Homework will NOT be collected. You will be given ample opportunities to ask questions concerning with homework problems at the beginning of every class. 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 in class. Please see the schedule for the date of the quizzes. **No make-up is given.**

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

Calculator: TI-83+, TI-84, or TI-84+

Grades SCALE:

Mid-term Exams	375 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 date to drop for refund: **01/18/2015**
- Last date to drop class with no record of grade: **01/19/2015**
- Last day to request P/NP grade: **01/30/2015**
- Last day to drop with a "W": **02/27/2015**
- Final exam period **March 24-27, 2015**

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 6 Introduction 2.1, 2.2		Jan 8 2.2, 2.3
Week 2		Jan 13 2.4, 2.5		Jan 15 2.5, 2.6 QUIZ 1
Week 3		Jan 20 2.7, 2.8		Jan 22 2.8, 3.1 QUIZ 2
Week 4		Jan 27 3.2, 3.3		Jan 29 EXAM 1
Week 5		Feb 3 3.4, 3.5		Feb 5 3.5, 3.6 QUIZ 3
Week 6		Feb 10 3.7, 3.8		Feb 12 3.8, 3.9 QUIZ 4
Week 7		Feb 17 3.10, 4.1		Feb 19 4.1, 4.2 QUIZ 5
Week 8		Feb 24 4.3, 4.4		Feb 26 EXAM 2
Week 9		March 3 4.5, 4.6		March 5 4.6, 4.7
Week 10		March 10 4.8, 4.9		March 12 10.1, 10.2 QUIZ 6
Week 11		March 17 EXAM 3		March 19 REVIEW
Week 12		March 24 FINAL EXAM (6:15PM – 8:15PM)		March 26