

# Syllabus: Math 1A (Section 25), Winter 2017

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Instructor: Mrs. Parrish

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Class meetings: MW 4:00=6:15 PM

Office Hours: MW: 14:55 – 15:55 E37

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**Prerequisite:** Math 43 with at least a C or equivalent score on placement exam

**Required Text:** James Stewart's Calculus Early Transcendentals 7<sup>th</sup> ed (print or ebook)

## Student Learning Outcomes:

- 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.

**Student Conduct:** A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and be reported for further action.

**Drop Policy:** A student who stops attending and does not drop will receive an F.

**Homework:** Homework will be assigned, graded and returned at regular intervals. Late homework will be accepted only in extreme cases.

**Exams:** Three exams will be given with no make ups. If an exam is missed for a valid reason, an equivalent of the final exam score will replace the exam score. See class calendar for proposed dates.

**Quizzes:** Periodic quizzes will be given throughout the quarter. There are no make-ups. You can correct and resubmit to gain a higher score.

**Final Exam:** A comprehensive final exam will be given on 3/29/2017 from 4:00 – 6:00 PM. You must take the final exam on this day and time.

**Accommodations:** Students requiring accommodations are welcome in this class. Please let me know immediately if you have special learning requirements. We need to make arrangements with DSS as soon as possible. Follow this link for more information: <http://www.deanza.edu/dss/services/>

**Grading:** 3 midterms @ 15% = 45%      homework & class work: 15%  
quizzes: 10%      final exam: 30%

**Scale (%):**      A+: 98+      B+: 87+      C+: 77+      D: 60+      F: < 60

A: 93+            B: 83+            C: 70+  
A-: 90+          B-: 80+

**On-line Calculus Help:**

Visual Calculus: <http://archives.math.utk.edu/visual.calculus/4/>  
Calculus on the Web: <http://www.math.temple.edu/~cow/>  
SOS Calculus: <http://www.sosmath.com/calculus/calculus.html>

**STANDARDS OF WORK:** Written work that is graded must be complete, logically organized, neat, and legible. When justification is requested, correct answers must be supported by appropriate work to receive credit. This requirement applies both to numerical answers and to non-numerical conclusions. When asked to “prove” or “explain your reasoning” or “show that,” you may lose credit if you do not include all steps needed to support your conclusion. In general, you may lose credit, even if the final answer is correct, if: the instructor cannot read/understand your work; steps, details, work, explanations are missing; work is incorrect or not consistent with answer; the work is not logically and clearly presented. Furthermore, correct use of mathematical notation is important to communication in the language of mathematics. Incorrect or missing notation will be penalized in grading all work.

**ATTENDANCE:** You have chosen to enroll in a class that meets only twice weekly. It is extremely important that you attend regularly, arrive on time, and remain for the entire class. Due to the challenging nature of this course and the amount of material we will cover in each class, you must minimize your absences. It is a wise precaution to obtain contact information from one or more classmates so that you will have access to notes when you are unavoidably detained or absent. In either case, read the textbook and go to the tutorial center first; then if you still need more help, come to office hours with your specific questions. The instructor will not “re-teach” the entire class to you if you are absent. If on rare occasions, you arrive late or must leave early, sit near the door to avoid disturbing the class.

**ESL:** If English is a second language, a print (not electronic) English translation dictionary is allowed for exams/quizzes.

**ACADEMIC INTEGRITY:** All students are expected to exercise academic integrity throughout the quarter.

- Cheating and academic dishonesty are not tolerated and can result in a grade of 0 or F for that quiz/exam/assignment, or a grade of F for the course, and referral to the Dean for academic discipline.

Any grade of 0 on a quiz, exam or any other assignment due to cheating or academic dishonesty will not be dropped.

- Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that is not your own, using notes that do not meet permitted specifications, continuing to write/erase on exam/quiz after the permitted time has ended, changing your exam/quiz paper after it has been graded and then requesting a grading correction.

- Using a calculator if an exam or quiz does not permit it is considered cheating. On quizzes or exams that permit calculators, using an electronic device other than approved calculator model

can be considered cheating. Sharing a calculator with another student for exam/quiz is considered cheating as work may be saved in memory.

- Using notes on a quiz or exam is cheating unless the instructor has expressly permitted the class to have notes or unless special note-using accommodations have been obtained through DSS or EDC (see Educational Access) .