

DE ANZA COLLEGE

MATH 1A

WINTER 2015

Instructor: Diane Mathios
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Office: S33N
Office Hrs: M-Th 10:30-11:20

Text and Related Materials:

- Stewart, **Calculus Early Transcendentals, 7th Edition** Cengage Learning.
- Graphing Calculator – TI83+, TI84+ or TI86 recommended. **TI89, TI92 or other calculators that do algebraic manipulation are not allowed.** You may rent a calculator from www.rentcalculators.org for \$9 per month.
- **Couse Worksheets** – available at the bookstore. Please bring to class every day.

Student Learning Outcomes:

#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.

Attendance: Students are expected to attend all class sessions and be on time to class. Any student who has accumulated the equivalent of five absences may be dropped from the class. However, it is the student's responsibility to drop the class by the appropriate due date.

Homework: Homework will be collected on a weekly basis and is worth 10 points. Homework is due at the beginning of class (1st 5 minutes) on the due date. Every student, only once during the quarter, may turn in their homework by the beginning of the next class (1st 5 min). Other than that, no late homework will be accepted for any reason. At the end of the quarter, your lowest homework score will be dropped.

Group Activities, Project: Projects and/or Group Activities will be assigned. Points assigned will be announced at the time of assignment and will total 75 points. These assignments will need to be completed outside of class time. They are due in the first 5 minutes of class on the due date. **No late papers will be accepted for any reason.**

Quizzes: Quiz dates are outlined on the calendar. Your lowest quiz score will be dropped at the end of the quarter, except in the case of cheating. **No make ups will be given for any reason.** If you know that you will be absent, see me about taking the quiz earlier than scheduled.

Exams: 3 exams will be given. **No make ups will be given for any reason.** If you know that you will be absent, see me about taking the exam earlier than scheduled.

Final Exam: A two-hour comprehensive exam will be given. **The final exam must be taken at the time indicated on the greensheet.** Except in the case of a 0 grade due to cheating, the final exam percent will replace your lowest exam score, if your final exam score is higher.

Grades: Final grades will be assigned as follows:

Exams (3)	300 pts	Quizzes (6)	150 pts
Group Activities	75-100 pts	Homework (10)	100 pts
Final Exam	150 pts		

Grade Scale

A	90 – 100%
B	80 - 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Winter 2015 - Tentative Calendar					12/11/2014
	Monday	Tuesday	Wednesday	Thursday	Friday
Jan	Instruction begins 1.1/1.3 5	2.1 6	2.2 7	2.2 8	2.3 9
Jan	2.3 14	2.4 Quiz 1 15	2.4 16	2.5 17	2.5 18
Jan	Martin Luther King Holiday no class 19	2.6 Quiz 2 20	2.6 21	2.7 22	2.7 23
Jan	Review 26	Exam 1 27	2.8 28	2.8 29	Project Assigned Due Wed 11-Feb 30
Feb	3.1 2	3.1-3.2 Quiz 3 3	3.2 4	3.3 5	3.4 6
Feb	3.4 9	Project work day Quiz 4 10	3.5 Project Due 11	3.5 12	Presidents Weekend no class 13
Feb	Presidents Weekend no class 16	3.6 17	3.10. Quiz 5 18	3.9 19	3.9 20
Feb/ Mar	Review 23	Exam 2 24	4.4 25	4.4/4.2 26	4.1 27
Mar	4.1 2	4.3 Quiz 6 3	4.3 4	4.5 5	Families of Curves Worksheet Due Thurs Mar 19 6
Mar	4.5 9	4.7 Quiz 7 10	4.7 11	4.9 12	4.9 13
Mar	Review 16	Exam 3 Ch 3 17	4.8 18	10.1 Families of Curves Worksheet due 19	10.2 20
Mar	Review Final Exam 23	Final Exam 11:30 - 1:30 24	Finals no class 25	Finals no class 26	Finals no class 27