

Instructor: **Dr. Zack Judson**

Office Hours: M-F 10:30-11:20 E36B

Email: judsonzack@deanza.edu (Note: I will not answer Math questions over email)

Prerequisite: Math 1A or an equivalent course

Required Materials: "Calculus Early Transcendentals, 7th Edition" by James Stewart
 Calculator – TI83/84 graphing calculator. TI89 or any similar symbolic calculator will not be allowed on exams. Calculators will be required on about half of the tests and quizzes.

Student Learning Objectives: 1) Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
 2) Formulate and use the Fundamental Theorem of Calculus
 3) Apply the definite integral in solving problems in analytical geometry and the sciences.

Exams: Four exams will be given, each worth 10% of your total grades. There will be no late, early, or make-up exams. If an exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score.

Labs: A half dozen times throughout the quarter we will have lab assignments. These assignments will be worked on in groups of three or four. There will be some initial time allotted to these assignments during class, but you will need to work on them outside of class to complete them. Although every student must turn in a copy of the lab, you will be graded as a group on the assignment. No late lab assignments will be accepted. Your lowest lab score will be dropped.

Quizzes: Quizzes will be given weekly except for weeks where we are taking a midterm at the end of the week. The lowest quiz score will be dropped. There will be no make-ups for missed quizzes.

Homework: Homework will be due weekly on Tuesday except during the final week when you will have an assignment due on Monday and Friday. Your homework grade will be based on a mixture of completion and randomly selected problems which are graded. No late work will be accepted. Your lowest homework score will be dropped.

Discussion: The only way to learn math is to practice math. For this reason, after the first exam we will begin having discussions on a weekly basis. In discussion we will work in groups on additional problems. Your work will be graded on participation and effort.

Final Exam: A two-hour comprehensive final exam will be given.

Accommodations: Those of you who need additional accommodations, due to disability, campus-related activities, or some other reason, please meet with me during the first two weeks of class to discuss your options.

Grade:	5%	Labs	10%	Quizzes
	5%	Discussion	40%	Midterms (4)
	10%	Homework	30%	Final

Grading Scale: Due to the complexity of the material the grading scale we will use is as follows

A: 90 – 100	B + : 80 – 84	C + : 67 – 69	D: 50 – 59	F: 0 – 49
A – : 85 – 89	B : 75 – 79	C : 60 – 66		
	B – : 70 – 74			

Tentative Schedule
Math 1B Winter Quarter 2016

	Monday	Tuesday	Wednesday	Thursday	Friday
January	Introductions Ch. 5.1 4	Ch. 5.1-2 5	Ch. 5.2 6	Lab 1 7	Prerequisite Quiz 8
January	Ch. 7.7 11	Ch. 7.7 Hw 1 due 12	Ch. 6.1 13	Lab 2 (Lab 1 due) 14	Ch. 3.11 Quiz 2 15
January	Martin Luther King's Birthday 18	Review Hw 2 due 19	Midterm 1 20	Ch. 6.2 21	Ch. 8.1 Quiz 3 22 (Lab 2 due)
January	Discussion 25	Ch. 6.4 Hw 3 due 26	Discussion 27	Ch. 6.4 28	Ch. 6.5 Quiz 4 29
February	Lab 3 1	Ch. 8.3 Hw 4 due 2	Discussion 3	Review 4	Midterm 2 5
February	Ch. 5.3 (Lab 3 due) 8	Lab 4 Hw 5 due 9	Ch. 5.3 10	Ch. 5.4 Quiz 5 11	President Lincoln's 12 Birthday
February	President Washington's 15 Birthday	Ch. 5.5 Hw 6 due 16	Ch. 7.1 (Lab 4 due) 17	Discussion 18	Ch. 7.2 Quiz 6 19
February	Ch. 7.3 22	Discussion Hw 7 due 23	Ch. 7.4 24	Discussion 25	Lab 5 Quiz 7 26
February/ March	Review 29	Midterm 3 Hw 8 due 1	Ch. 7.8 2	Ch. 7.8 3	Discussion Quiz 8 4
March	Ch. 8.5 (Lab 5 due) 7	Discussion Hw 9 due 8	Ch. 9.1 9	Ch. 9.2 10	Lab 6 Quiz 9 11
March	Ch. 9.3 Hw 10 due 14	Discussion 15	Review 16	Midterm 4 17	Quiz 10 (Lab 6 due) 18 Hw 11 due
March	21	22	Final 7:00-9:00am 23	24	25

Important Dates: January 16: Last day to add a class.
 January 18: Last day to drop with no grade on record.
 January 29: Last day to request Pass/No Pass grade.
 February 26: Last day to drop with a "W".