

De Anza College
Math 1B – Calculus: Fundamentals of Integral Calculus

Instructor: Danny Tran Email: trandanny@fhda.edu

Office Hours: Mon-Thur 11AM-12PM and by appointment (Zoom)

Book: Calculus: Early Transcendentals (8th edition) by James Stewart

Required Materials: Access to a computer; we will be using Zoom, Canvas, and WebAssign. Course materials and assignments will be posted on Canvas and WebAssign.

Grading:	Homework (WebAssign) (23)	345 points
	Quizzes (8)	160 points
	Exams (2)	250 points
	Final Exam	245 points
	Total	1000 points

WebAssign: This is the online program we will be using to complete homework, quiz, & exam assignments.

- 1 – Go to <http://www.webassign.net>
- 2 – Click on “I Have A Class Key”
- 3 – Enter: **deanza 2186 1029**

Late Work: If you are unable to complete an assignment on time, you may request a 1-week extension through WebAssign. You will earn 50% of the points earned after the original due date.

Expectations:

Math 1B is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

- ✓ Watch all videos and read the textbook
- ✓ Complete all homework
- ✓ Review your notes each day, making sure you have understood the material
- ✓ Attend office hours (Zoom)
- ✓ Form study groups to complete homework, study for exams
- ✓ Read the textbook
 - Read explanations
 - Work through the completed examples
 - Complete extra practice problems

Grades:

A	[92%, 100%]	B+	[88%, 90%]	C+	[78%, 80%]	D	[60%, 70%]
A-	[90%, 92%]	B	[82%, 88%]	C	[70%, 78%]	F	[0%, 60%]
		B-	[80%, 82%]				

Student Learning Outcome(s):

- *Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- *Formulate and use the Fundamental Theorem of Calculus.
- *Apply the definite integral in solving problems in analytical geometry and the sciences.