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

Instructor: Danny Tran Email: trandanny@fhda.edu

Book: *Calculus: Early Transcendentals* (9th edition) by James Stewart

Grading:		
	Homework (25)	176 points
	Class Participation	44 points
	Quizzes (8)	240 points
	Exams (2)	280 points
	Final Exam	260 points

Class Participation: You will earn 4 points per class by actively participating in completing practice problems with classmates on the whiteboard. If you miss 1 class, you can still earn the class participation credit by submitting the practice problems solutions. If you miss more than 1 class, you will earn a 0 for the given absences.

Quizzes: Quizzes will be at the beginning of class. You will have 30 minutes. Typically, they will cover 2-3 problems. Quizzes will cover sections covered in the prior class. If your final exam % is greater than your lowest quiz %, your final exam % will replace your lowest quiz %. No calculator or notes are allowed.

Exams: Exams will be at the beginning of class. You will have 1 hour. If your final exam % is greater than your lowest exam %, your final exam % will replace your lowest exam %. No calculator or notes are allowed.

Homework: Homework assignments are due on the days of the exams & finals. Homework assignments are graded based on completion and full work shown.

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%)				

Tentative Schedule:

July 3 Intro, 5.1, 5.2	July 5 Q#1, 5.3, 5.4
July 10 Q#2, 5.5, 6.1	July 12 Exam#1, 6.2, 6.3
July 17 Q#3, 6.4, 6.5	July 19 Q#4, 7.1, 7.2
July 24 Q#5, 7.3, 7.4, 7.5	July 26 Exam#2, 7.6, 7.7
July 31 Q#6, 7.8, 8.1	Aug 2 Q#7, 8.2, 8.3, 8.5
Aug 7 Q#8, 9.1, 9.2, 9.3	Aug 9 Final Exam

Need help with this course? Want to more personal connections this quarter? Student Success Center tutors and workshops are ready for you! Watch the SSC Welcome Video to learn more.
Tutoring: Go to http://deanza.edu/studentsuccess and click to join a Zoom tutoring room during open hours.

Workshops: Attend a Skills Workshop, a content-specific math/science workshop, an Accounting chapter review workshop, or a Listening and Speaking workshop.

Resources: Join the SSC Resources Canvas site to see content and learning skills links.
After-hours or weekend tutoring: See the Online Tutoring page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).
We know that students who participate in tutoring, group study, or workshops for three or more hours succeed at much higher rates than those who do not. The students who most need the help may reluctant, but they do participate if instructors encourage and incentivize them to use the resources in some way. Perhaps students can improve their grade on an assignment, quiz or exam if they show they did something extra to prepare, such as tutoring, workshop or study group.

We're here to help! Get in touch to schedule a class visit, or
arrange to bring your class to visit us in Zoom to see how it works.

Questions, comments, or suggestions? Contact Co-Directors Melissa Aguilar aguilarmelissa@fhda.edu or Diana Alves de Lima alvesdelimadiana@fhda.edu the appropriate SSC contact.

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.

Office Hours: