

CRN 25085, Math 1D-27, Multivariable calculus
Instructor: Bijan Sadeghi
04:00PM-06:15 PM, TTh, E32

Academic Term: Fall 2019
E-mail: sadeghibijan@fhda.edu
Office hours: 12:20 – 01:30 PM; E37

Textbook: Calculus: Early Transcendental; 8th edition, by James Stewart.
Your textbook should include a WebAssign access code. If not, you must purchase one separately.

Prerequisite: Math 1C or equivalent (with a grade of C or better).

Attendance: You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent two times. Dropping or withdrawal from the class is the students' responsibility. A student discontinues coming to class and does not drop will get an "F" grade.

Cheating: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or copying from or looking at another student's paper during exams. A class/course grade of "F" will be given for any of the above infractions.

Homework: All of the homework will be done online. Once you have your WebAssign access code, go to www.webassign.net, log-in and register, and enter the **Class Code: de**
deanza 2338 1988

Exams: Two exams will be given during the quarter. No make-ups. One-half of the final exam score will be used to replace the lowest score, if greater.

Final Exam: A two-hour comprehensive final exam will be given on Thursday, December 12(4 – 6 PM). This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

Grade:		Percentage	Grade
		[95-100]	"A+"
Homework	200 points	[90-95)	"A"
Exams (2)	200 points	[88-90)	"A-"
<u>Final Exam</u>	<u>200 points</u>	[85-88)	"B+"
Total	600 points	[80-85)	"B"
		[77-80)	"B-"
		[72-77)	"C+"
		[65-72)	"C"
		[61-65)	"D+"
		[57-61)	"D"
		[55-57)	"D-"
		[0-55)	"F"

Sept.	24	Ch.14	26	Ch. 14	Oct. 1	Ch.14	3	Ch. 14
Oct.	8	Ch.14	10	<i>Ch. 14</i>	15	Ch.15	17	Exam 1
Oct.	22	Ch.15	24	Ch.15	29	Ch.15	31	Ch.15
Nov.	5	Ch. 16	7	<i>Ch. 16</i>	12	Ch.16	14	Exam 2
Nov.	19	Ch.16	21	Ch.16	26	Ch.16	28	Thanksgiving
Dec.	3	Ch.16	5	Ch. 16	10	Review	12	Final 4-6 pm

Oct. 5th Last day to add classes

Oct 6th Last day to drop classes for full refund

Oct 6th Last day to drop classes without a "W"

Nov 15th Last day to drop classes with "W"

Student Learning Outcome(s):

*Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.

*Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.

*Synthesize the key concepts of differential, integral and multivariate calculus.