

CRN 31762, Math 1D-27Z, Multivariable calculus      Academic Term: Winter2021  
 Instructor: Bijan Sadeghi      E-mail: [sadeghibijan@fhda.edu](mailto:sadeghibijan@fhda.edu)  
 TTh 4:00p.m.—6:15p.m.  
 Office hours: TTh 12:20-1:30 p.m., zoom: ID on Canvas

**Textbook:** Calculus: Early Transcendental; 8<sup>th</sup> 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.

**Students with Disabilities**

Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss specific needs with instructor, preferably during the first two weeks of class. Disability Support Service determines accommodations based on appropriate documentation of disabilities. DSS is located in Student Community Services building, room 141 and their phone number is (408) 864-875

**Homework:** All of the homework will be done online. Once you have your WebAssign access code, go to [www.webassign.net](http://www.webassign.net), log-in and register, and enter the **Class Code:**

**deanza 5899 6840**

**Exams:** Two exams will be given during the quarter.

**Final Exam:** A two-hour comprehensive final exam will be given on Thursday, March 25th (4:00 pm – 6:00 pm). This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

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

Jan.	5	Ch.14	7	Ch. 14	12	Ch.14	14	Ch. 14
Jan.	19	Ch.14	21	<i>Ch. 14</i>	26	Ch.14	28	<b>Exam 1</b>
Feb.	2	Ch.15	4	Ch.15	9	Ch.15	11	Ch.15
Feb.	16	Ch. 15	18	Ch.15	23	Ch.16	25	<b>Exam 2</b>
March	2	Ch.16	4	Ch.16	9	Ch.16	11	Ch.16
March	16	Ch.16	18	Ch. 16	23			<b>25 Final Exam 4pm – 6pm</b>

- Jan. 16 Last day to add classes
- Jan. 18 Last day to drop classes for full refund
- Jan. 18 Last day to drop classes without a "W"
- Feb. 26 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.