

CRN 42163, Math 1D-61, Calculus IV
Instructor: Bijan Sadeghi
4-6:15 pm, TTh, G2

Academic Term: Spring 2017
E-mail: sadeghibijan@fhda.edu
Office hours: 3:30-4pm, TTh, 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).

Student Learning Outcome:

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 multivariable calculus.

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: deanza 8616 6367**

Quizzes: In class quizzes (individual work) will be given.

Exams: Three 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, June 29th (4 - 6). This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

Grade:

| | | Percentage | Grade |
|-------------------|-------------------|-------------------|--------------|
| Quizzes | 40 points | [95-100] | "A+" |
| Homework | 160 points | [90-95) | "A" |
| Exams (3) | 300 points | [88-90) | "A-" |
| <u>Final Exam</u> | <u>200 points</u> | [85-88) | "B+" |
| Total | 700 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" |

Important Dates: April 22: Last day to add quarter-length classes.
 April 23: Last day to drop for a full refund or credit.
 April 23: Last day to drop a class with no record or grade.
 June 2: Last day to drop with a "W."

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|-------|----|--------|----|----------------------|-------|----------|-----------|----------------------|
| April | 11 | Ch.14 | 13 | Ch.14 | 18 | Ch.14 | 20 | Ch.14 |
| April | 25 | Ch.14 | 27 | <u>Exam 1</u> | May 2 | Ch.15 | May 4 | Ch.15 |
| May | 9 | Ch.15 | 11 | Ch.15 | 16 | Ch.15 | 18 | Ch.15 |
| May | 23 | Ch. 16 | 25 | <u>Exam 2</u> | 30 | Ch.16 | June 1 | Ch.16 |
| June | 6 | Ch.16 | 8 | Ch.16 | 13 | Ch.16 | 15 | <u>Exam 3</u> |
| June | 20 | Ch.16 | 22 | Review | 27 | //////// | 29 | Final 4 - 6 |