

**Syllabus**  
**Fall Quarter 2017**  
**Math 1D Section 12**  
**Calculus, fourth quarter**  
**Meeting Tue-Thu, 1:30-3:45 PM, room MCC-12**

**About the instructor**

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Office Hours: Mon-Thu, 12:25 pm -1:15 pm, or by appointment.

**Student Learning Outcomes:**

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

**You will need:**

- The 7<sup>th</sup> edition of Calculus, Early Transcendental Functions, by James Stewart
  - If you took calculus with De Anza last year or over the summer, you should be all set.
  - The text is available at the bookstore.
  - Other sections of Calculus are starting to use the newer edition of Stewart; we are still using last year's version. Be sure to get the 7<sup>th</sup> edition.
  - WebAssign is not required for this course. However, I will make it available to those who wish to use it.
- A TI 84 Plus, TI 84, or TI 83 is recommended for the course, though not required. You can use a simple scientific calculator if you prefer. Calculators which can do symbolic integration such as the TI 89 are not allowed for use during tests. If you're not sure if your calculator is allowed, please show it to me.
- Spare batteries for your calculator.
  - If you forget your calculator, or your calculator runs out of juice during an exam, you will not be able to borrow a replacement; you will have to complete the test without one.
- Pencils and/or pens (pencils recommended).
- A notebook for class notes.
- Regular paper and graphing paper for the notebook.
- A straight edge (such as a ruler, for drawing straight lines)
- A stapler.
- A working e-mail address registered with [myportal.fhda.edu](http://myportal.fhda.edu)
  - During the quarter, I'll be sending out forms, notices, assignments, readings, take home quizzes through bulk e-mail, using the e-mail

address you have registered with my-portal. It is important that you have a working e-mail address you check regularly registered with myportal.

- Access to a computer with Internet connectivity, and the ability to either print out or store documents. There are computers you can use on campus in the library and in the tutorial center.

**Additional resources:**

- The quarter goes by quickly; so if you find yourself falling behind or wish to have additional help, please don't hesitate to take advantage of the following.
- Instructor Office Hours
  - I enjoy sitting down with students one on one or small groups and helping with problems. Often, I'm able to give customized help in this setting that isn't practical in a large classroom.
- Math-Science tutorial center, S43, [www.deanza.edu/student-success/mstrc](http://www.deanza.edu/student-success/mstrc)
  - As well as being a good place to study, they have drop in tutoring. Weekly individual and group tutoring can also be arranged.
- Free smarthinking 24-hour online tutoring for De Anza Students, [www.deanza.edu/student-success/online-tutoring](http://www.deanza.edu/student-success/online-tutoring)
  - This is new to me, so I'd be interested to hear about your experience if you take advantage of this.

**Grades in the course will be assigned as follows:**

Quizzes	15%
Three Midterms	20% each
Final Exam	25%

Each exam, or quiz, will be given a percentile score from 0% to 100%. At the end of the quarter, these will be averaged together according to the weights above, and a final letter grade will be assigned based on this average.

<b>Average Percentile Grade</b>	<b>Letter Grade</b>
92-100	A
89-92	A-
87-89	B+
82-87	B
79-82	B-
75-79	C+
70-75	C
55-70	D
<55	F

If it would improve your grade, your final exam score will automatically be used to substitute for your lowest midterm score or for a missed midterm score.

Taking the final exam is required for getting a passing grade for the course.

### **Visit me**

Come visit me during office hours during the first three weeks of class, introduce yourself to me and talk for perhaps five minutes, and you will get a little extra credit. If you cannot come during my scheduled office hours, send me an e-mail and I can set up an appointment.

### **Attendance Policy**

Success in this class depends on regular and punctual attendance. The state's policy on attendance is as follows.

- Students in classes that meet five times a week may miss no more than ten sessions.
- Missing more than 10 sessions is grounds for being dropped from the class, or given an F if it is past the last drop date.

I do appreciate if a student sends me an e-mail in advance to let me know when they're unable to attend class.

### **Lectures**

Lectures are two hours five minutes long. Typically we will divide them into three roughly equal pieces with five-minute breaks in between. Food and drink are not allowed in the classroom, so the breaks would be a good time to grab a quick drink of water, if needed.

**Reading**

It is highly recommended that you read each section of the text at least twice: skim the section the day before we cover it in class, so you'll be in the best position to benefit from the lecture, and read it again after the class to consolidate your learning. You can even read the section again before a quiz or midterm on the material, or whenever you feel the need to

A calendar will be sent out separately, that will tell you what we plan to work on each day. I will send out e-mails if necessary to adjust this information.

**Homework**

Homework will be assigned, but will not be collected. By now we expect you understand you need to do the homework regularly to succeed at the class. Instead, quizzes will be given based on the homework material to test your comprehension.

**Quizzes**

Quizzes will typically be given at the end of the week. The subject of the quizzes is listed on the calendar, and will also be e-mailed in advance. Your lowest two quizzes will be dropped. Missed quizzes may not be made up.

**Midterms**

There will be 3 midterms given for this course. Their dates and subject matter are listed on the calendar. If you are unable to take a midterm, your final exam score will be substituted for it, under the policy of substituting your final for your lowest midterm score.

**Final Exam**

Your final exam will be on Tuesday, December 13, from 1:45 PM to 3:45 PM. Taking the final exam is required for passing the class. By taking this class at this time, you are agreeing that you are able to take the final on this date.

If you are unable to take the final at this time due to *unforeseeable* reasons such as illness, an accident, or a loss in the family, we can arrange to give you an incomplete. You will then be required to make up the missing exam in the following quarter.

**Academic Integrity**

While you are encouraged to work together on homework, the work you submit must be your own. During quizzes, midterms, and the final exam, you may not use references that aren't specifically allowed for the exercise, nor may you copy others' work. Doing so will result in disciplinary action, including a 0 for the exam (which may not be replaced by the final exam score even if it is a midterm), a report to the dean, and possible further action.