

De Anza College, Summer 2016
Math 12, sec. 61
Lecture: MTWTh: 5:30 – 7:45 p.m.
Room S-45

Instructor: Huong Le
Office: Room E-37
Office Hrs: MTWTh, 5:00 – 5:30 p.m.
Email: lehuong@fhda.edu

Course Description: Introduction to limits, differentiation, and integration of single variable functions. Differentiation of multivariate functions. Applications in business, economics, and social science.

Student Learning Outcomes (SLO's): After completion of this course, students will be able to:

1. Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals
2. Evaluate, solve, interpret, and communicate business and social science applications using appropriate differentiation and integration methodologies.

Prerequisite: Math 11 (Finite Math) or Math 41 (Pre-calculus I)

Materials:

- Use of **MyMathLab** (<http://www.mymathlab.com>) **is required** in this course. You will submit your homework online using MyMathLab. To access the homework assignments on MyMathLab, you must purchase access code, either from De Anza book store or directly from the publisher's website, and self enroll. Go to <http://www.mymathlab.com>, click on "Student," enter the **Course ID: le85543**, and follow instructions on the screen.
- **Graphing calculator (recommended):** Calculators that does symbolic logic, such as TI 89 or 92, are not allowed to use on quizzes or exams.
- **Textbook (optional):** Calculus and Its Applications, 10th Ed., by Bittinger

**Note: An e-version (PDF) of the textbook is included with the purchase of MyMathlab online access code. So, if you prefer, you can purchase only the online access code and read the textbook in PDF format. Our De Anza bookstore sells new books with a MyMathlab codes at no additional cost. Our bookstore also sells codes without books. They also sell used books without codes. Students may also purchase codes online at www.webassign.net which includes access to the e-book.*

Grading:

- **Pop quizzes (5%):** May be given at any time on any topics that have already covered in class
- **Homework (10%):** submitted on MyMathlab.
- **Quizzes (15%):** The lowest quiz will be replaced with the average of the three midterms (if that improves your grade).
- **Exams (40%):** There will be **2 one-hour midterms**. Your lowest midterm will be replaced with your final exam if that improves your grade. You may be asked to show a photo ID when taking each exam.
- **Final Exam (30%):** Final exam is **comprehensive and must be taken on the scheduled date**. If you miss the final exam, you will not pass the class. You may be asked to show a photo ID when taking the final exam.

A+	96 – 100%	B	81 – < 86%	D+	66 – < 68%
A	91 – < 96%	B-	79 – < 81%	D	61 – < 66%
A-	89 – < 91%	C+	76 – < 79%	D-	59 – < 61%
B+	86 – < 89%	C	68 – < 76%	F	< 59%

Make-ups: No make-up on quizzes and exams. For MyMathlab homework, you're allowed to make up any most recently past due assignment.

Attendance: Daily attendance is crucial to your understanding of the material and successes in this class. It is essential that you attend every class meetings and actively participate in class in order to succeed in this course and your future math courses. **If you are absent the first two days of class and you do not contact me to explain your absence, I will drop you from the course. If you have a total of 6 or more absences during the whole summer term, you will be drop from the course.** However, it is your responsibility to file the necessary paperwork with Admission and Records to drop the class. A student who discontinues coming to class and does not drop will get an **F** grade. I may also drop any student who, in my judgment, is habitually disrupting the class.

Important dates: For more information on dates and deadlines, visit <http://www.deanza.edu/calendar/summerdates.html>

Accessibility Accommodations: If you have a documented disability and wish to discuss academic accommodations, please contact Disability Support Services (<http://www.deanza.edu/dss/>) as soon as possible. Students with disabilities needing accommodation should speak with the Accessibility Services. For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:

Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY 408) 864-8753 Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839 Special Education Division: 864-8407; www.deanza.edu/specialed.

Academic Dishonesty policy: Incidents of cheating are taken very seriously in the Math Department at De Anza. Cheating is absolutely forbidden. Looking at someone else's exam/quiz, helping another student during an exam/quiz, talking to anyone except me during an exam/quiz, or using cell phone or an external source of information for which you were not explicitly given permission, is considered cheating and will result in an F grade for the assignment. Cheating incidents will also be reported to the Dean of PSME and Dean of Students.

Electronic Devices - cell phones, laptops, iPads, iPods, etc.:

- Please silence all cell phones or turn them off when in class. If you need to use your phone because of an emergency, please quietly step out of class.
- Please do not use laptops or text on your cell phone during class.
- Please do not listen to music during class.

***Each time you fail to follow any of these rules you may be asked to leave class.**

Additional Notes: On test day, you may be assigned a seat different from the one you are used to sitting in. During tests and quizzes, I may walk around and look at your desk. Please do not let this bother you. No extra credit will be given.

Tentative Schedule

Week 1 (Mon, 6/27 – Thurs, 6/30): Sec. 1.1, 1.2, 1.3, 1.4, 1.5 Quiz #1 (Thurs, 6/30)
Week 2 (Mon, 7/4 – Thurs, 7/7): Monday, 7/4 – No Class Sec. 1.6, 1.7, 1.8, 2.1, 2.2, 2.4 Quiz #2 (Thurs, 7/7)
Week 3 (Mon, 7/11 – Thurs, 7/14): Sec. 2.5, 2.6, 3.1, 3.2, 3.5, 3.6 Exam #1 (Thurs, 7/14)
Week 4 (Mon, 7/18 – Thurs, 7/21): Sec. 4.1, 4.3, 4.4, 4.5, 4.6, 5.1 Quiz #3 (Thurs, 7/21)
Week 5 (Mon, 7/25 – Thurs, 7/28) Sec. 5.2, 6.1, 6.2, 6.3, 6.4 Exam #2 (Thurs, 7/8)
Week 6 (Mon, 8/1 – Thurs, 8/4) Sec. 6.5, 6.6 Final Exam (Thurs, 8/4, 5:30 – 7:30 PM)

Note: If time allows, some of the following sections will be covered.

2.3, 2.7, 3.3, 3.4, 4.2, 5.3, 5.4, 5.6, 5.7