

Math 12 De Anza College, Cupertino. Quarter- Summer 2015

Course: Math – D012.–61, Calculus for Business Call # 00685-01
 Time: MTWR, 5:30 p.m. to 7:45 p.m. Room – E 33

Prerequisite: Mathematics 11, Finite Mathematics with C or better grade.

Texts, calculator: (1) Calculus and its Applications. 10th Edition. Authors: Bittinger, Ellenbogen, Surgent. (2) Graphing Calculator. TI-83 plus/ TI-84 plus Calculator.

Instructor: **H. K. SHAH.** Email; shahhemendra@fhda.edu
 Office hours: Mondays through Thursdays, 2:15 to 2:45 p.m. Room E 37 or meet me after the class for your difficulties.

Attendance: Students are expected to attend all class meetings without tardy. Student with three recorded absences may be dropped from the course. **If student decides to drop the course, it is his/her responsibility to drop the course.** 10 points are assigned for full attendance.

Course Outline: Student Learning Outputs (SLOs): Outcome 1: Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals. Outcome 2: Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.

I shall cover Chapters R and 1 to 5. It covers differentiation and its applications; Exponential and logarithmic functions, and their derivatives; Integration and its applications. **This is intensive and fast pacing course, requiring lot of practice to have clear understanding of the concepts.**

Homework: Students are doing homework on **MyMathLab.com** online. **Course ID is shah68691.** Course title is **Math 12, Calculus for Business, Summer 2015, De Anza College.** When you purchase book from the book store, you will get access code for the course. Follow instructions on **MyMathLab.com** for registration. Late homework will not be accepted for grading purpose.

Examinations: There will be three midterm tests each of one hour, and five quizzes each of 20 minutes. There will be no make-ups for missed tests, quizzes, or final examination. **If only one test or quiz is missed due to unavoidable circumstance, and the instructor is notified in advance/quickly;** the final exam score % will be used to replace missed test/quiz. For students appearing for all exams, lowest test score will be replaced by % of final exam score, **if scored better in the final exam.** A comprehensive final examination of two hours will be given on **Thursday, August 6, 2015 during 5:30 to 7:30 p.m. in our classroom. Student remaining absent in the final examination will get F for the course. All students are required to save corrected returned papers of quizzes and midterm tests. I may need it in certain situation.**

Evening Office Coordinator: Administrative office Phone: 864-8333

Disruptive behavior: De Anza College will enforce all policies and procedures set forth in the *Standards of Students Conduct* (refer catalogue). Any student disrupting a class may be asked to leave the class. **Further disciplinary action by administration will follow.**

Academic Integrity: It is assumed that all students will pursue their studies with integrity and honesty; however all students should know that incidents of academic dishonesty like cheating and plagiarism are taken very seriously. **Students involved in cheating will be dropped and get F for the course. Further disciplinary action by administration will follow.**

Grades:

<u>Grade Scale</u>	<u>Points range</u>	<u>Percentage range</u>	<u>Examinations</u>	<u>Points</u>
A+ 4.0	476 to 500	95+ to 100 %	Three Tests	3x70 = 210
A 4.0	456 to 475	91+ to 95 %	Five Quizzes	5x20 = 100
A- 3.7	436 to 455	87+ to 91 %	Homework	60
B+ 3.3	416 to 435	83+ to 87 %	attendance	10
B 3.0	396 to 415	79+ to 83 %	Final Exam.	<u>120</u>
B- 2.7	376 to 395	75+ to 79 %	Total points	500
C+ 2.3	351 to 375	70+ to 75 %		
C 2.0	326 to 350	65+ to 70 %		
D+ 1.3	306 to 325	61+ to 65 %		
D 1.0	296 to 305	59+ to 61 %		
D- 0.7	276 to 295	55+ to 59 %		
F 0.0	0 to 275	0 to 55 %		

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Course: Math D012. Calculus for Business and Social Science Call # 00685-01

Time- MTWR 5:30 p.m. to 7:45 p.m. **Room-** E 33

Text: Calculus and its Applications. 10th Edition. Authors: Bittinger, Ellenbogen and Surgent.

Course ID for MyMathlab: **shah68691**

Course name on MyMathLab: Math 12, Calculus for Business, Summer 2015, De Anza College.

Instructor: H. K. Shah

Week # Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 June/July	29 Chapter R Quiz-1,take home	30 1.1, 1.2	July 1 1.3, 1.4 Last day for refund	2 HW-1, Submit quiz - 1 1.5, 1.6	3	4 July 5, last day to add/drop with no grade record.
2	6 Census Date HW- 2, Quiz-2, 1.7	7 1.8, 2.1	8 HW-3, Review Test – 1	9 2.2, 2.3	10	11
3	13 2.4, 2.5	14 Quiz-3, HW- 4 2.6	15 2.7, 3.1.	16 HW-5, Quiz –4 3.2	17	18
4	20 3.3, 3.4	21 3.5, 3.6.	22 HW-6, Test - 2	23 4.1, 4.2	24	25
5	27 4.3, 4.4	28 HW-7,Quiz-5 4.5 Last day to drop with W	29 4.6, 5.1	30 5.2, 5.3	31	August 1
6 August	3 HW-8 Test – 3	4 5.7 Whole Review	5 Whole Review	6 Comprehensive Final Exam 5:30 to 7:30 p.m.	7	8

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Quiz	Chapter R	1.1 to 1.4	2.1 to 2.4	2.5 to 2.7	4.1 to 4.4		-----	-----
HW Sections	Chapter R	1.1 to 1.4	1.5 to 1.8	2.1 to 2.4	2.5 to 2.7	3.1 to 3.6	4.1 to 4.4	4.5, 4.6. 5.1 to 5.3, 5.7
Test Chapters	Chapters R and 1.	Chapters 2 and 3.	Chapters 4 and 5.1 to 5.3.	-----	-----	-----	-----	-----

All exams including final exams are comprehensive, show your work type exams.