Course: **Math – D001B –05 Calculus 2**   **CRN # 00660**
                     Time: MTWR, 12:30 p.m. to 2:45 p.m.   **Room – online**

Prerequisite: **Math 1A.**

Texts and   (1) **Calculus Early Transcendentals, 8th Edition. Author: James Stewart**

Equipment: (2) **Graphing Calculator. TI-83 plus/ TI 84 plus Calculator.**

Instructor: **H. K. SHAH. Email: shahhemendra@fhda.edu**
                        Office hours: Monday through Thursday, 12:00 to 12:30 p.m. by appointment.

WebAssign course name: Calculus 2, Math 1B, Summer 2020, HKSHAH. De Anza College.

Class Key: deanza 1198 2917

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.** *Disappearing from the class doesn't qualify for getting 'W' for the course but will get "F" grade.* **20 points are assigned for full attendance.**

Course Outline:

We will cover chapters 5 to 9 of above book. It covers Integrals, Applications of Integration, Techniques of **Integration, Further Applications of Integration, and Differential Equations. This is an intensive course requiring ten to fifteen hours of work outside of class.**

Homework: **Students will do homework on internet using Enhanced WebAssign program at web address www.webassign.net/cengage .** *You need to get the access code when you purchase the book.* **WebAssign course name and class key is written above. You need class key when you create your account.** *Late homework will not be accepted for grading purpose.*

Examinations: **There will be three midterm tests each of one hour, and three quizzes each of 25 minutes. There will be no make-ups for missed tests, quizzes, or final examination. If only one test is missed due to unavoidable circumstance, and the instructor is notified in advance/quickly; the final exam score percentage will be used to replace missed test/quiz. For students appearing in all exams, lowest test score will be replaced by percentage of final exam score, if student scored better (% wise) in the final exam compared to all tests, and scored at least 85/130 points in final exams.**

A comprehensive final examination of two hours will be given on 6th August 2020, during 12:30 to 2:30 p.m. through CANVAS. Students 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.*

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:

Grade scale	Points range	Percentage range		Examination	points
A+ 4.0	476 to 500	95 + to 100 %		Three Tests	3x75 = 225
A 4.0	456 to 475	91 + to 95 %		Three Quizzes	3x25 = 75
A_ 3.7	436 to 455	87+ to 91 %		Homework	50
B+ 3.3	416 to 435	83+ to 87 %		Class attendance	20
B 3.0	396 to 415	79+ to 83 %		Final examination	130
B_ 2.7	376 to 395	75+ 79 %		Total points	500
C+ 2.3	351 to 375	70+ 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+ 59 %			
F 0.0	0 to 275	0 to 55 %			

Time- MTWR, 12:30 p.m. to 2:45 p.m.   **Room- Online on Zoom.**

Text: Calculus, Early Transcendentals, 8th Edition. <u>Author:</u> James Stewart

<u>WebAssign course name:</u> **Calculus 2, Math 1B, Summer 2020, HKSHAH. De Anza College.**

<u>Class Key:</u> **deanza 1198 2917**

Instructor: H. K. Shah

b

Week # / Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 June	29 5.1, 5.2	30 5.3, 5.4	July 01 5.4, 5.5	2 Quiz – 1. HW-1 6.1, 6.2	3	4 July 3, Last day to add/drop with no grade record.
2 July	6 6.2, 6.3 Census Day	7 6.3, 6.4	8 6.5, 3.11	9 Review. HW-2 Test 1.	10	11
3	13 7.1, 7.2	14 7.3, 7.4	15 Quiz -2, HW 3 7.5	16 7.6,7.7	17	18
4	22 7.7, 7.8	21 HW- 4, Review Test 2	22 8.1,8.2	23 8.3,8.5	24	25
5	27 9.1, Quiz – 3.	28 9.2,9.3	29 9.3, 9.4 HW-5	30 HW- 6, Review Test 3	31	August 01
6 August	3 Anything left	4 Whole review	5 Whole review	6 Final Examination 12:30 to 2:30 p.m.	7	8

HW/Quiz/Test # ⇒	1	2	3	4	5	6
Homework assignment Sections/Chapters	Chapter 5	Chapter 6, Sec. 3.11	7.1 to 7.4	7.5 to 7.8	8.1-8.3, 8.4	9.1 to 9.4
Sections to be covered For Quiz	Chapter 5	7.1 to 7.4	8.1 to 8.4	------------	-----------	------------
Chapters/sections to be Covered for Test	Chapter 5, Chapter 6, Sec. 3.11	Chapter 7	Chapters 8, 9	-----------	-----------	------------

Student Learning Outcome(s):

*Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
*Formulate and use the Fundamental Theorem of Calculus.
*Apply the definite integral in solving problems in analytical geometry and the sciences.