DE ANZA COLLEGE INSTRUCTOR: E. NJINIMBAM

MATH 1B-07z OFFICE HOURS: 12:30-1:20 pm(M-TH)

ROOM Online (M,W) 4:00-6:15 pm OFFICE HOURS MEETING ID: 98152090913

FALL 2020 PASSCODE: 551512

PREREQUISITE: Math 1A or equivalent.

TEXTBOOK: <u>CALCULUS : Early Transcendentals; 8th ed.</u>, James Stewart.

MATERIALS: Graphing calculator (*TI–84 recommended*)

A computer

WebAssign Class Key: deanza 7555 5629

Lectures would be on zoom

The zoom meeting ID: https://fhda-edu.zoom.us/j/92532240579

GOAL: To understand and be able to solve problems dealing with the fundamentals

of differential and integral calculus: limits; continuity; derivatives and their

applications; anti-derivatives (indefinite and definite integrals).

ATTENDANCE: You are encourage to attend the classes on zoom

CHEATING: Cheating of any kind is not allowed. A grade of F will be assigned if caught cheating. All testing

will be on WebAsign with a lockdown browser

ANNOUNCEMENTS: All anouncements will be on canvas.

HOMEWORK: Home will be assigned on WebAssign and graded

QUIZZES: Quizzes(4) will be given on WebAssign. NO MAKE UPS.

TESTS: Tests (3) will be given. On WebAssign NO MAKE UPS.

FINAL EXAM: A two-hour comprehensive final exam will be given on

WEDNESDAY, DECEMBER 9 (4:00-6:00 pm). THIS IS A MUST EXAM. A grade of **F** will be assigned to those who miss the final exam.

Note: All testing to be done during class time on WebAssign.

| GRADE: | Homework | 300pts | | | |
|--------|--------------------|----------|--|--|--|
| | Quizzes | 200pts. | A: 90% - 100% (900+pts.) B: 80% - 89% (800-899pts.) | | |
| | Tests (2) @ 100pts | 300pts. | | | |
| | Final Exam | 200pts. | C: 60% - 79% (600-799pts.) | | |
| | TOTAL | 1000pts. | D: 50% - 59% (500-599pts.) | | |
| | | • | F · 0% - 49% (0-499nts) | | |

IMPORTANT DATES: See Reverse Side.

| SEPT | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | Wk |
|-----------------|--|---------------|--------------------------------|-------------------------------|--|---------------------|--|----|
| | 21 INSTRUCTION BEGINS | 22 | Chap 5 (5.1-5.5) | 24 | 25 | 26 | 27 | 1 |
| SEPT | Chap 5 | 29 | 30 Chap 5 | 1 | 2 | 3 (Last day to add) | 4 (Last day to drop with no grade or record) | 2 |
| OCT | 5 Census day Chap 6 (6.1-6.5) | 6 | Review/ Test 1 | 8 | 9 | 10 | 11 | 3 |
| OCT | Chap 6 | 13 | Chap 6 | 15 | 16 Last day to request Pass/No Pass | 17 | 18 | 4 |
| OCT | Chap 3 3.11 | 20 | 3.11/ Chap 7 | 22 | 23 | 24 | 25 | 5 |
| OCT / NOV | Chap 7 (7.1-7.8) | 27 | Chap 7 | 29 | 30 | 31 | 1 | 6 |
| NOV | Chap 7 | 3 | Review/ Test 2 | 5 | 6 | 7 | 8 | 7 |
| NOV | Chap 7/ Chap 8 | 10 | 11 VETERAN'S DAY HOLIDAY | 12 | 13 Last day to drop with a "W" | 14 | 15 | 8 |
| NOV | Chap 8 (8.1-8.3,8.5) [8.4] | 17 | Chap 8 | 19 | 20 | 21 | 22 | 9 |
| NOV / DEC | Chap 8 | 24 | Chap 9 (9.1-9.4) | 26 Thanksgiving Holiday | 27 Thanksgiving Holiday | 28 | 29 | 10 |
| DEC | Review/ Test 3 | 1 | Chap 9 | 3 | 4 | 5 | 6 | 11 |
| DEC | 7 No Class | 8 No Class | 9 (4-6) FINALS | 10 No Class | 11 No class | 12 | 13 | 12 |
| DEC | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 13 |
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| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | |
| | MONDAI | IOEODAI | MUUMUUMI | IIIOKODAI | PRIDAI | GATURDAT | COMPAI | |

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.