LANEY COLLEGE

Mathematics Department

**Syllabus**

Fall 2018

**Course Name:** Calculus I

**Course Number/Code:** Math 3A/Code 41663

**Class Meeting Days, Times, and Room Number:** MW 8am – 10:15am, rm G209

**Instructor:** Tracy Camp

**Office Location and Phone:** rmT509 (510) 464-3170

**Email Address:** tcamp@peralta.edu (best way to reach me)

**Office Hours:** M 1:50 - 2:50pm, Tu 10:20 -11:50am, W 12:50 - 1:50pm, Th 10:20 - 10:50am, one hour tba

**Website:** http://laney.edu/tcamp/

**Textbook:** Thomas’ Calculus Early Transcendentals, Fourteenth Edition

Hass, Heil, Weir ISBN 978-0-13-443902-0

**Required Equipment/Supplies:** Scientific Calculator

**Prerequisite:** Math 2 or Math 1 & 50 or Math 1 & 52C; or appropriate placement through assessment

**Course Description:** Theorems on limits and continuous functions, derivatives, differentials, and applications

 **Student Learning Outcomes:**

1. **Applications:** Construct and solve mathematical models using the derivative.
2. **Algebra:** Evaluate derivatives of many functions and antiderivatives of simple functions.
3. **Graphs:** Generate solutions to quantitative problems using numerical, graphical, and algebraic methods.

**Grading Policy and Method of Evaluation:**

You will have 4 tests and a final exam. Your grade for the course will be the average of all tests and the final exam. If you do not take the final, the grade for your final will be computed as a zero. The standard grading scale will be used as a guide in assigning letter grades. Class participation points are added to your total exam score before the average is taken.

Exams will be returned within a week after the date of the exam. Please note that I do not assume responsibility for exams once they are corrected and returned to class.

Homework will be assigned daily and it should be completed the class after it is assigned. You should check your own homework using the answers given in the back of the textbook. Count on an average of two hours of homework/studying for each hour spent in class. I do not collect homework.

90 – 100% A 80 – 89% B 70 – 79% C 60 – 69% D Under 60% F

In computing your final grade for the semester, one of two options may be applied:

1. Missed Test: The score on the final will be substituted for the score on one missed test, that is, the final will count twice.

2. Low Test Score: The score on the final will replace the lowest test score, that is, the final will count twice if it is higher than the lowest test score.

Note: If you are caught cheating on a test, you will receive a grade of zero on that test and your final exam score will not replace your lowest test score.

**Attendance Policy:** **It is your responsibility to drop this class when you decide that you can no longer attend.** Since instructors are allowed to drop students only at specific times during the semester, your failure to take responsibility for dropping yourself may result in your receiving a grade of “F” and/or your being responsible for fees.

When you are absent from class, you are responsible for any work due, covered, or assigned during your absence. **No make-up exams** will be given during the instructional part of the course.

**Schedule of Tests:**

Test 1 Review, Chapter 2 Monday, September 17

Test 2 Chapter 3 Wednesday, October 17

Test 3 Chapter 4 Wednesday, November 14

Test 4 Chapter 5 Monday, December 3

**Final Exam: All topics covered Wednesday, December 12 8am - 10am**

**Class Rules:**

1. Only enrolled students are allowed in the classroom.

2. You are expected to remain in class for the full time that the class is scheduled (please, no walking in and out).

3. No eating or drinking is allowed in the classroom.

4. Phones, electronics, and other distracting devices must be silenced in class.

5. Please refrain from disruptive classroom behavior.

6. Cheating is not tolerated. An offense may result in a recommended suspension from the course with a possible grade of “F”. Cheating in this class is defined as: Giving or receiving test information from any unauthorized source during the time that a test is administered. During all tests, no talking is allowed and books and notes cannot be used. Cell phones, mp3 players,tablets, ear phones and electronics must be put away during tests. I do not answer questions during tests.

**Class time is not used for expressing opinions about class procedures, test structure and grading. Such opinions may be discussed with me outside of class time, through written or telephone communication. I welcome constructive criticism, and I will listen to your comments or suggestions with an open mind outside of class time. Problems with classmates should be brought to my attention in a discreet manner before or after class or during breaks, so that I may have the opportunity to resolve such problems in a manner that will not be disruptive to the classroom environment. Please understand that we have an ambitious agenda for the semester, and we must use our class time to discuss mathematics.**