**Math 3A | CALCULUS I | Spring 2016**
T TH 10:30 – 12:45 | Ticket Number: 13965 | SM 201

**Instructor:** Sumaya McCleave
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**Office:** SM - 369
**Phone:** (949) 582-4803
**Website:** [www.saddleback.edu/faculty/smccleave](http://www.saddleback.edu/faculty/smccleave)

**Office hours:**
- M/W 12:00 – 1:00 in the LRC
- T 1:00 – 2:00 in the LRC
- Th 9:30 – 10:30 in SM 369
- F 12:00 – 1:00 in SM 369

**Course Overview:** This is the first of a three semester sequence on calculus and analytic geometry primarily for engineering, mathematics and physical science majors. It is designed to give a solid foundation in the concepts of limits, continuity, graphing differentiation, integration and their applications to the physical sciences.

**Students who successfully complete Math 3A will be able to:**
1. Demonstrate mastery of the computational skills required for calculus, such as the ability to take limits, derivatives, and anti-derivatives.
2. Demonstrate critical thinking skills by setting up and solving word problems that require the tools of calculus.
3. Use calculus to generate and describe the graphs of various functions.

**How to Succeed:** To succeed in this class you should
1. Attend and participate in class.
2. Complete the assigned homework before the next class session.
3. Meet with me during my office hours, the Embedded Tutor during her tutoring hours, or another tutor in the LRC.
4. Form a study group with others in this class or another section of Math 3A.
5. Try to understand why a problem is solved the way it is. Don’t just memorize the steps to get the answer.

**Text:** Calculus 10th Ed. Anton, Bivens, Davis

**Homework:** Homework will be assigned at the end of almost every lecture. It will be collected weekly.

**Quizzes:** Eleven quizzes will be given during the semester. Each quiz is worth 10 points. Your lowest quiz score will be dropped. No make up quizzes will be allowed. If you are unable to take a quiz for any reason, you will receive a 0 for that quiz. You cannot take a quiz early or late.

**Exams:** There will be 3 exams administered during the semester. Each exam is worth 100 points. The date of each exam will be announced in lecture. If you miss an exam for a valid reason you must provide written documentation of that reason to me within 24 hours. I will then set the date for the make-up exam. If I determine that your excuse is not valid or you fail to provide written documentation, you will receive a 0 for the missed exam.

**Final Exam:** The final exam is Thursday, May 19th from 10:30 – 12:30. It is cumulative.
Calculators: Most scientific calculators are allowed. A scientific calculator that can determine the numerical value of a derivative or integral is not permitted. You cannot share your calculator during a quiz or exam. Graphing calculators, cell phones, tablets and equivalent technology are not permitted.

Grading: The final grade in this course will be based on

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<td>Quizzes</td>
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<td>Exams</td>
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<td>Final Exam</td>
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Grading Scale:

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

Attendance: All students are expected to attend each class meeting. If you miss class for any reason, you are responsible for getting the class notes. A student may be dropped from the class due to excessive absences. If you want to drop the class, it is your responsibility to do so.

Cell Phones: Turn off your cell phones when you enter the classroom. DO NOT SEND TEXT MESSAGES DURING CLASS!

Academic Honor Code: Saddleback College students are responsible to regulate their own conduct in accordance with the Code of Conduct as outlined in the Student Handbook and the Math, Science, and Engineering Division Policy on Academic Integrity which can be found on the division website: [http://www.saddleback.edu/ap/mse/](http://www.saddleback.edu/ap/mse/)
A student found cheating on an exam or quiz will receive a zero on the exam or quiz. This score will not be dropped.

Accommodated testing for students with disabilities: All students who have been authorized for academic adjustments/accommodations for examinations and/or quizzes should submit the proper authorizations forms within the first two weeks of class.

Important Dates: The last day to drop without receiving a “W” grade is 2/7/16
The last day to change to P/NP is 2/24/16
The last day to drop and receive a “W” grade is 4/12/16