MATH 150A CALCULUS 1
Spring 2011
CRN 20137 MW 11:00 AM - 12:50 PM Rm 618

Instructor: Arlene Larios  
Email: ALarios {at} fullcoll {dot} edu  
Phone: (714) 992-7416  
Website: http://staffwww.fullcoll.edu/alarios

Office: 627-01  
Office Hours: MW 1-1:50 PM & TTh 11-11:50 AM  
Or by appointment.

Prerequisite: MATH 141 College Algebra and MATH 142 Trigonometry or equivalent, with a grade of "C" or better or math skills clearance.

Course Description: This is a beginning calculus course covering limits and continuity, the rate of change of a function, derivatives of algebraic and transcendental functions, applications of the derivative, antiderivatives, and the definite integral.

Student Learning Outcomes: Upon successful completion of Math 150AF Calculus I, the student will be able to:

- determine the value of one-sided limits analytically or graphically,
- analyze a function to determine an appropriate method of differentiation, and apply the method to determine the derivative,
- analyze a function for continuity, relative extrema, intervals of increasing/decreasing, concavity, and/or points of inflection,
- calculate the area between a curve and the coordinate axes using The Fundamental Theorem of Calculus and evaluate an integral using basic methods including substitution.

Required Material: For this course you must have

- Calculators: A graphing calculator (TI-83 or TI-84 is recommended). A TI-89 or similar model is not allowed. Cell phones, PDA’s, and Palm Pilots are not allowed.
- Paper: All paper that is handed in must be 8.5” x 11” or 8” x 10.5” (no fringe). Graph paper is required for all graphing. When handing in more than one sheet of paper they must be stapled together.
- Writing Utencils: All work that is turned in must be done in pencil. Exams and quizzes are to be written in pencil. Colored pens or colored pencils are recommended for note taking.

Tutoring Center: Free tutoring is available in the Tutoring Center. The Tutoring Center is located in room 806 in the Library/LRC. The hours of operation are Monday-Thursday 9:00 AM - 8:00 PM, Friday-Saturday 10:00 AM - 2:00 PM. For more information about the Tutoring Center please see the website http://tutoringcenter.fullcoll.edu/

Homework: Homework will be assigned daily and is to be completed by the next Monday at the beginning of class. Your homework must be neat, organized, and stapled. All answers must be clearly indicated (circle, box, or highlight) and appropriate work to support each answer must be shown.
Answers without justification, messy/disorganized, unstapled, or late work will receive no credit. The lowest homework assignment will be dropped. HOMEWORK CANNOT BE MADE UP.

Taking the time to do a good job on your homework and understand every problem that is assigned is essential to your success in this class. Do not procrastinate! The purpose of homework is to develop the skills and concepts being covered in the class. Plan to spend a minimum of two hours per night reading the text, reviewing your notes, and completing the assigned problems.

Quizzes: There will be 11 quizzes. Each quiz will be taken at the beginning of class on the days indicated on the schedule. Sharing of calculators is not allowed for quizzes. The lowest quiz will be dropped. QUIZZES CANNOT BE MADE UP.

Exams: There will be four exams. All exam dates are given on the attached schedule. Any changes to the schedule will be announced in class. EXAMS CANNOT BE MADE UP*.

- Monday, Feb. 14 Exam 1 will cover Chapter 1-2 and Appendix D.3
- Monday, March 14 Exam 2 will cover Chapter 3
- Wednesday, April 13 Exam 3 will cover Chapter 4
- Monday, May 16 Exam 4 will cover Chapter 5

*If an emergency arises the instructor must be contacted immediately. Preferably before the quiz or exam is missed, no later than the end of the day.

Final Exam: There will be a mandatory comprehensive final exam given during the final week of the semester. Failure to take the final exam will result in not passing the course. Be on time to the final exam. If you arrive late to the final exam and a student has already turned in their exam, you may not be allowed to take the final exam. The final exam must be taken at the scheduled time, Monday, May 23, 11:00 AM - 12:50 PM.

Grades:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
<td>A: 100%-90%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>15%</td>
<td>B: 89%-80%</td>
</tr>
<tr>
<td>Exams</td>
<td>50%</td>
<td>C: 79%-70%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
<td>D: 69%-60%</td>
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</tbody>
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Classroom Conduct: Students are expected to attend every class. Students are expected to be on time and not to leave early. If you are late please be respectful to the instructor and your peers by entering quietly and taking a seat near the door. Students with more than four absences may be dropped from the course. Two late/early days is equivalent to one absence. If you have four absences you must contact the instructor. If you are absent it is your responsibility to obtain notes and announcements from one of your classmates prior to coming to the next class meeting.

Students are expected to be courteous to the instructor and their peers. It is also expected that the students are attentive in class. The use of cellular phones, music players, electronic games, etc. is prohibited during class. Please deactivate these devices before entering the classroom.
Instructor Late Arrival: If, due to unforeseen emergencies, the instructor does not arrive at the scheduled start time for class, students are to remain in class for 15 minutes (unless otherwise notified by the division). If the students do not receive notification to wait for their instructor to arrive, after fifteen minutes the students may leave with no penalty. If the class receives instructions from a division staff member, please follow those instructions.

Academic Honesty Policy: Academic dishonesty or cheating is defined as an intentional act of fraud, in which a student seeks to claim credit for the work or efforts of another without authorization, or uses unauthorized material or fabricated information in any academic exercise. It also includes assisting other students in acts of dishonesty or coercing students into acts of dishonesty.

Any student caught cheating or caught in the act of assisting another student to cheat will be dealt with in accordance with the academic honesty policy of the college. The use of electronic devices other than approved scientific calculators (i.e. cellular phones, pagers, Palm Pilots, electronic dictionaries/translations, etc.) is prohibited during quizzes and exams. You may not share materials during an exam (this includes calculators).

ADA Statement: Fullerton College is committed to providing educational accommodations for students with disabilities upon the timely request by the student to the instructor. Verification of the disability must also be provided. The Disability Support Services office functions as a resource for students and faculty in the determination and provision of educational accommodations.

To make arrangements for academic accommodations contact the DSS behind the library and next to the mailroom in room 842, or phone (714) 992-7099, or fax (714) 992-9920, or visit http://dsp.fullcoll.edu.

Children on Campus: Children are not allowed on campus unless supervised by a parent or guardian. Children may not attend classes or computer labs (unless the course is specifically designed to include children.) Children must be supervised so educational activities are not interrupted and may not be left unattended in common areas such as the library, a student center, food services area, quad or college parking lots.

Emergency Response Message: Please take note of the safety features in and close to your classroom, as well as study the posted evacuation route. The most direct route of egress may not be the safest because of the existence of roofing tiles or other potentially hazardous conditions. Similarly, running out of the building can also be dangerous during severe earthquakes. During strong quakes the recommended response is to duck - - cover - - and hold until the shaking stops. Follow the guidance of your instructor. Your cooperation during emergencies can minimize the possibility of injury to yourself and others.

Withdrawal Policy: While an instructor officially may withdraw a student who has poor attendance, it is the student’s responsibility to withdraw if the student does not continue in attendance.

- Sunday, Jan. 30: last day to drop classes and qualify for refunds
- Sunday, Feb. 6: last day to add classes
- Sunday, Feb. 6: last day to drop classes without a "W"
- Sunday, May 1: last day to drop classes with a "W"
Catalog and Class Schedule: The Fullerton College Catalog and the Class Schedule contain a number of policies relating to students that are important to be aware of. Please be sure that you have read these publications thoroughly. You may purchase copies of these publications at the campus bookstore, or you may read them online at the Fullerton College website, http://www.fullcoll.edu.

Holidays:

- Martin Luther King Day Holiday Monday, Jan. 17
- Lincoln’s Birthday Holiday Friday, Feb. 18
- President’s Day Holiday Monday, Feb. 21
- Spring Break Holiday April 18-24