# MATH 9A, FIRST-YEAR CALCULUS

**GENERAL INFORMATION**:

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| Lecture (15299): | MWF 2:10-3:00 |
| Room: | BRNHL A125 |
| Instructor: | Muralee (Dr. Murugiah Muraleetharan) |
| Office: | 275B Surge Building |
| Phone: | (951) 827-7396 |
| E-mail: | muralee@ucr.edu |
| Office hours: | MWF 3:10-4:00, and by appointment |
| Course webpage: | |

**TA**: Azadeh Rafizadeh
Discussion (9A-31): T 7:10 a.m. - 8:00 a.m.  Room: INTS 1132
Discussion (9A-34): T 9:10 p.m. - 10:00 p.m.  Room: SPR 2361
**TA**: Richard Han
Discussion (9A-32): T 7:10 a.m. - 8:00 a.m.  Room: SPTH 1222

**Textbook**: Weir, Hass, and Giordano, "Thomas' Calculus", 11th Edition, Addison Wesley, (2005) ISBN: 0-321-22642-9

## EXAMS AND GRADING

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| Quizzes: | 8 – 10 pop quizzes |
| Midterm exam: | Friday February 8, 2:10-3:00 |
| Final exam: | Thursday March 20, 3:00-6:00 |
| Grading: | The final grade is composed of: |
| | 40% of the Final exam grade |
| | 30% of the Midterm exam grade |
| | 20% of the Quizzes |
| | 10% of the Homework |

The following grading scale will be used:
A student with an average of at least 90% will receive a grade of at least A-.
A student with an average of at least 80% will receive a grade of at least B-.
A student with an average of at least 65% will receive a grade of at least C-.
A student with an average of at least 50% will receive a grade of at least D-.

1. The final exam is comprehensive.
2. All exams are closed notes and books. Calculators are not allowed.

3. No make up exams - in all exams and quizzes an absence counts as zero. If you miss the midterm because of a documented medical situation or family emergency, the grade will be computed without taking into account the missed exam.

**COURSE OUTLINE:** This course assumes facility with basic algebra and trigonometry, as well as a comprehension of the elementary functions and their graphs. If you are unsure whether your background is adequate for this course, please make an appointment to discuss this with me immediately.

The cores of the course are the concepts of limit, continuity, differentiability and application of derivatives. Chapters 2, 3, and 4 from the text will be covered. For each topic covered, a list of **suggested practice problems** will be assigned, usually about ten. These problems will be used directly or as templates for problems on quizzes and examinations. Students should prepare all of these problems. Each week a selected number of problems from the "practice problems" will be collected for grading at the beginning of the discussion section. **All work must be submitted on time; no exceptions**. A student will receive a grade of "0" for each missed or late assignment.

**CLASS MEETINGS and ATTENDANCE:** Classes will meet four times each week. Lectures will be given on Monday, Wednesday and Friday. Each section will meet for one discussion each week on Tuesday. **Attendance is required.**

**COLLABORATION and ACADEMIC INTEGRITY:** Students are encouraged to work cooperatively on practice problems. There is quite a bit of evidence that this sort of collaboration improves performance in calculus courses. However, all work submitted for grading must be the work of the individual submitting the work. No collaboration is permitted on work submitted for grading. Copying another student's homework is a violation of the University Code of Conduct.