

Instructor: Dr. Alvaro Islas, Office: MAP 231F, (407) 823-3961, aislas@mail.ucf.edu

Classroom and Time: MAP 360, MW 4:30 - 5:45 PM

Text: Applications of Calculus I

Grading: Your grade depends entirely on your participation in class as recorded with the use of i-clicker technology. Each presentation contains red- and blue-colored questions. Red-colored questions count 80% of your grade while blue-colored questions count 20%. In addition, if 80% of your answers to the blue-colored questions is correct, you get an extra 2 points.

Important Dates:

Withdrawal Deadline: Friday, Oct. 12

Labor Day: Monday, Sept. 3

Veteran's Day: Monday, Nov. 12

Thanksgiving: Nov. 22 - 23

Grading scale: 90 – 100 A; 80 – 89 B; 70 – 79 C; 0 – 69 F.

If a student has attended classes regularly and completed all assignments, and does not qualify for A, B, or C, the student would get an NC (no credit) grade.

Disability Policy:

Students with disabilities who need accommodations in this course must contact the professor at the beginning of the semester and must be registered with Student Disability Services (Student Resource Center, room 132, phone 407-823-2371, TTY/TDD only phone 407-823-2116) before requesting accommodations.

Academic Honesty:

The work you turn in to me is expected to be your own. Academic dishonesty is strictly forbidden and disciplinary action in accordance with University policy will be taken in response to such behavior. For more information please see UCF's Golden Rule Handbook or visit <http://www.ucf.edu/goldenrule>.

Week (mm/dd)	Applications of Calculus I, Fall 2007 Schedule
Week 1 (08/22)	Introduction and Getting Ready.
Week 2 (08/29)	Limits and Rates of Change by Dr. Winningham
Week 3 (09/05)	Limits and Rates of Change by Dr. Winningham
Week 4 (09/12)	Chemical Kinetics by Dr. Clausen
Week 5 (09/19)	Chemical Kinetics by Dr. Clausen
Week 6 (09/26)	Detecting Edges in Images by Dr. da Vittoria Lobo
Week 7 (10/03)	Detecting Edges in Images by Dr. da Vittoria Lobo
Week 8 (10/10)	Increments, Differentials, Infinitesimals, and All That by Dr. Efthimiou.
Week 9 (10/17)	Increments, Differentials, Infinitesimals, and All That by Dr. Efthimiou.
Week 10 (10/24)	Application of Maximum and Minimum Values and Optimization to Engineering Problems by Dr. Chopra.
Week 11 (10/31)	Application of Maximum and Minimum Values and Optimization to Engineering Problems by Dr. Chopra.
Week 12 (11/07)	Applications of Integration in Biomedical Science by Dr. Self.
Week 13 (11/14)	Applications of Integration in Biomedical Science by Dr. Self.
Week 14 & 15 (11/19 & 11/26)	Calculus Review.
Week 16 (12/03)	Final Exam Week.