ISC 2215 Applications of Calculus I  
Spring 2008

Instructor: Dr. Cherie Geiger

Office: CH325, (407)823-2135, cgeiger@mail.ucf.edu

Classroom and Time: Monday: Recitation, MAP360 4:30 - 5:45 PM, 
Wednesday: Class, HPA112 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 you score 80% or higher 
on the blue questions, you get an extra 2 points.

Important Dates: 
Withdrawal Deadline: Friday, Feb. 29 
Martin Luther King Day: Monday, Jan. 21 
Spring Break: March 10-15 
UCF Spring 2008 Calendar: 
http://www.registrar.sdes.ucf.edu/calendar/academic/2008/spring/

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

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 that you do in this class is expected to be your 
own work. When selecting iclicker answers to the questions in class it is 
expected that you are doing the work on your own. No one should share their 
iclicker questions with any other student in class. 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.
Schedule for Applications of Calculus I Spring 2008

**Week (mm/dd) Title and Presenter**

- Week 1 (01/09) Introduction and Getting Ready.
- Week 2 (01/16) Limits and Rates of Change by Dr. Winningham
- Week 3 (01/23) Limits and Rates of Change by Dr. Winningham
- Week 4 (01/30) Chemical Kinetics by Dr. Clausen
- Week 5 (02/06) Chemical Kinetics by Dr. Clausen
- Week 6 (02/13) Detecting Edges in Images by Dr. da Vittoria Lobo
- Week 7 (02/20) Detecting Edges in Images by Dr. da Vittoria Lobo
- Week 8 (02/27) Numerical Solution of Differential Equations by Dr. Islas.
- Week 9 (03/05) Numerical Solution of Differential Equations by Dr. Islas.
- Week 10 (03/10-15) Spring Break
- Week 11 (3/19) Application of Maximum and Minimum Values and Optimization to Engineering Problems by Dr. Chopra.
- Week 12 (03/26) Application of Maximum and Minimum Values and Optimization to Engineering Problems by Dr. Chopra.
- Week 13 (04/02) Applications of Integration in Biomedical Science by Dr. Self.
- Week 14 (04/09) Applications of Integration in Biomedical Science by Dr. Self.
- Week 15 (04/16) Calculus Review.
- Week 16 (4/22-28) Final Exam Week.