
COURSE INFORMATION	Location: MTH 215 Class Times: MTWRF 09:25-11:55 Instructor: Dr. Karl Frinkle Office: MTH 112 Office Hours: by appointment Office Phone: (580) 745-2028 E-mail: kfrinkle@se.edu Website: http://carmine.se.edu/kfrinkle/
TEXT	<i>A First Course in Chaotic Dynamical Systems: Theory and Experiment</i> , by Robert L. Devaney, ISBN 0-201-55406-2
COURSE OVERVIEW	We will look at some important introductory aspects of dynamical systems and transitions to chaos. We will attempt to cover topics such as iteration, orbits, period doubling, phase portraits, fixed points, symbolic dynamics and much, much, more.
COURSE OUTLINE	Since this is a June block course, the four classes per week are about two and a half hours apiece. We will spend about three quarters of each class period in lecture, and one quarter of the class period working problems out on the board and/or computer as a group. There will be homework assignments, usually assigned from the homework problems in the textbook. However, homework will be minimal as we will hopefully discuss many of the problems in class.
POLICIES	<p>You will not be able to make up an assignment which you missed the deadline for unless you notify me ahead of time. Given prior notification of an absence, I will ensure that you can take the quiz or hand in your homework or project at a more convenient time.</p> <p>Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.</p> <p>All cell phones, pagers, CD players, laptops, calculators and other such devices must be turned off and put away before class begins. It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor.</p> <p>I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope). All changes will be made in writing.</p>
GRADES	Your final grade will be based solely on graded homework and class participation, which does include board work. We will discuss the actual percentages the first week in class.
IMPORTANT DATES FOR SUMMER 2009	<ul style="list-style-type: none">• 2009.06.08 - Classes begin• 2009.06.10 - Last day to add a class, drop a class with no grade record and drop a class with refund/no charges• 2009.07.01 - Last day to apply for graduation• 2009.07.02 - Last day to drop a class with automatic W• 2009.07.16 - Last day to drop a class• 2009.07.31 - Classes end
SPECIAL ACCOMMODATIONS	Any student needing special accommodations due to a disability should contact the Coordinator of Student Disability Services, Student Union, Suite 204 or call (580) 745-2254 (TDD# 745-2704). It is the responsibility of each student to make an official request to the Coordinator for accommodations.