Expected Learning Outcomes: This course is intended to develop students skills in the following areas: 1. Numerical computation using Matlab; 2. Computing using a Computer Algebra System (Maple); 3. Introduction to Dynamical Systems;

Assessment of Learner Outcomes (Grading Policy): Assessment of learning outcomes will be based on classroom activities including quizzes, in-class exams and several graded homework assignments. In more detail:

1. There will be 2 exams given in class. Each exam counts as one score. A missed exam gives a score of 0, i.e., there are no makeup exams — although, under extreme circumstances arrangements can be made to take a test in advance.

2. There will be numerous homework assignments. The homework will count as one score.

3. There will be approximately 10 short in-class quizzes. The quizzes will count as one score.

4. There will be a final exam which will count for 2 more scores.

After the final you will have 6 scores. Your final grade for the course will be determined by the average of 5 out of the 6 scores.

Grading scale: 90-100, A; 80-89, B; 70-79, C; 55-69, D; < 55, F

Important Dates:

2. January 17, Tuesday Last day for student-initiated add on the Web.
3. January 27, Friday Last day for student-initiated drop on the Web.
4. March 8, Wednesday 5 p.m., midsemester grading due via Web for Faculty.
5. March 11, Saturday - March 19, Sunday, spring vacation.
6. March 22, Wednesday Last day to drop a course or withdraw from the university.
7. April 17, Monday No classes.
8. April 26 - May 2, Wednesday - Tuesday Period of no examinations except for makeup exams or scheduled lab exams.
9. May 2, Tuesday Last day of classes.
(10) Final Exam: Tuesday, 1:30 4:00 p.m. May 9

Attendance: While attendance will not be taken everyday it will be taken on a regular basis and you are expected to attend every class. In particular students are responsible for any and all information given in class, e.g., test dates, quizzes, assignments, and general course material.

ADA Accommodations: Any student who, because of a disability, may require special arrangements in order to meet course requirements should contact me as soon as possible to make necessary arrangements. The instructor may request verification of need from the Dean of Students Office.

Religious Holy Day: 1. “Religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code §11.20. 2. A student who intends to observe a religious holy day should make that intention known to the instructor prior to the absence. 3. Any a student who is to be absent from classes for the observance of a religious holy day should arrange with the instructor to make up the missed work. 4. A student who is excused for religious observance may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

Student Honesty and Civility in the Classroom: Cheating of any kind will not be tolerated and may result in severe academic sanctions. Disruptive behavior during class will not be tolerated. All cell phones are to be turned off upon entering the classroom – there are no exceptions. Disruptive behavior includes talking out of turn, cell phones ringing during class, repeatedly arriving late or leaving class early, sleeping in class. Class starts promptly on the hour.