Elementary Differential Equations

Math 211 (section 1)
Spring 2008

Instructor: Andrew Haas
Office: MSB 306
Office Hours: M 11--12:15, Th 11-12:15 and by appointment
Tel. 486-4328

Webpage

Email address: andrew.haas(at)uconn.edu

Textbook: *Differential Equations*, 3rd ed., Blanchard, Devaney, and Hall

Quizzes: A quiz is a 25-35 minute exam. There will be a quiz at the beginning of class on the
following dates: Tuesday Feb. 5, Thursday Feb. 21, Thursday March 6, Thursday March 27,
Thursday April 10 and Tuesday April 29. There will be no make-ups!

Exams: The final exam will be the only long exam and will cover the entire semester.
The final exam is tentatively scheduled to take place on Tuesday, May 6, 3:30--5:30.

Grading: The final will be worth anywhere from 2-5 quizzes.
This flexibility in the make-up of final grades allows students the opportunity to demonstrate a mastery of the material.

Tools: Euler's method and more, DE tools, Integrator

Suggested homework exercises:

1.1--1, 3, 5, 8, 15, 16, 19
1.2--1, 2, 3, 6, 9, 15, 23, 26, 30, 33
1.3--1, 6, 7, 8, 11, 12, 14, 15, 18

1.4--2, 5, 6, 12, 13
1.5--1, 4, 9, 11, 13, 14
1.6--1, 3, 5, 7, 9, 13, 15, 19, 28, 30, 33, 36, 39, 43
1.7--1, 3, 5, 7, 9, 11, 20
1.8--1, 3, 7, 8, 9, 11, 13, 19, 23, 27
2.1--1, 2, 4, 9, 10, 14, 15, 16
2.2--1, 3, 4, 7, 10, 13, 15, 16, 27
2.4--1, 3, 7, 8, 9, 12, 13, 14
3.1--7, 8, 11, 14, 17, 18, 24, 27, 34
3.2--1, 4, 5, 7, 11, 13b, 14a, 17, 21
3.3--1, 4, 7, 9, 11, 13, 19, 21
3.4--1, 5, 7, 11, 13, 15, 22, 23
3.5--1, 4, 7, 9, 11, 15, 19, 22a
3.6--1, 2, 4, 5, 8, 9, 13, 15, 18, 21, 23, 30, 35
4.1--1, 3, 5, 11, 14, 17, 20, 21, 27, 31, 33, 36, 39
4.2--1, 6, 9, 11, 14, 15, 16, 17
6.1--1, 3, 7, 9, 11, 15, 17, 27
6.2--1, 3, 5, 9, 13
6.3--1, 3, 7, 9, 11, 15, 27, 31
5.1--1, 4, 5, 6, 9, 17, 21
5.2--1, 4, 7, 15, 21