Elementary Differential Equations

Math 2410Q (211Q)– Fall 2013
Professor Hohn

Homework will be collected at the beginning of class!

Homework 1

The following exercises are due **Thursday, September 5**:
  Section 1.1: 2, 4, 7, 8
  Section 1.2: 6, 18, 20, 22, 28, 32, 34, 38, 40

Homework 2

The following exercises are due **Thursday, September 12**:
  Section 1.3: 1(a), 3(a), 7, 8, 11, 12, 14, 15, 18
  Section 1.4: 2, 5, 6, 11, 14

Homework 3

The following exercises are due **Tuesday, September 17**:
  Section 1.8: 2, 4, 8, 9, 12, 13, 19, 20, 21, 24, 33

Homework 4

The following exercises are due **Thursday, September 26**:
  Section 1.9: 4, 5, 12, 21, 22 (this one is tough!)
  Section 1.5: 1, 4, 9, 13

Homework 5

The following exercises are due **Thursday, October 3**:
  Section 1.6: 1, 8, 11, 13, 20, 28, 31, 33, 36, 37, 39, 43

Homework 6

The following exercises are due **Thursday, October 10**:
  Section 1.7: 1, 3, 5, 11, 15
  Section 2.1: 1, 2, 4, 15, 16, 19, 23

Homework 7

The following exercises are due **Tuesday, October 15**:
  Worksheet: Linear Algebra Exercises
  Section 3.1: 5, 8, 14, 24

Homework 8

The following exercises are due **Thursday, October 31**:
  Section 3.1: 17, 18, 24, 27, 29, 34
  Section 3.2: 4 (a, b, e), 6 (a, b, e), 8 (a, b, e), 12, 14, 16, 22 (a–c)
  Section 3.4: 10 (a–b), 14 (a–b), 20, 22
  Section 3.5: 6 (a–b), 8 (a–b), 12, 18 (a–b), 20

Homework 9

The following exercises are due **Thursday, November 7**:
  Section 3.3: 3, 5, 7, 10, 20, 27
  Section 3.4: 4 (a, b, d), 6 (a, b, d)
  Section 3.5: 5, 7, 19

Homework 10

The following exercises are due **Tuesday, November 12**:
  Section 3.6: 2, 6, 8, 12, 13, 15, 21, 23, 30
  Section 4.1: 4, 6, 11, 14, 17

Homework 11

The following exercises are due **Thursday, November 21**:
  Section 4.1: 20, 21, 27, 31, 33, 36, 39
  Section 4.2: 1, 6, 9, 11, 14, 15, 16, 17
  Section 4.3: 10, 12, 19, 21

Homework 12

The following exercises are due **Thursday, December 5**:
  Section 6.1: 1, 3, 7, 9, 11, 15, 17, 27

The following exercises will not be collected. Please check your answers with those in the back of the book.
  Section 6.2: 1, 3, 5, 9, 13
  Section 6.3: 1, 3, 7, 11, 15, 27, 28, 31