MATH 2070
Introduction to Differential Equations
Winter 2006
Assignment Sheet 2

Reading
Read the following material:

• Section 2.1. Omit this section.
• Section 2.2, pages 40-45.
• Section 2.3, pages 49-54.
• Section 2.4 pages 58-65.
• Section 2.5, pages 68-71.
• Section 2.6. Omit this section

Exercises
Please work the following practice problems:

• Section 2.1. No problems.
• Section 2.2, pages 46-47, Exercises 1, 3, 5, 7, 9, 17, 32.
• Section 2.3, pages 54-56, Exercises 1, 3, 5, 7, 13, 15, 17, 29, 31.
• Section 2.4, pages 65-67, Exercises 1, 3, 5, 9, 13, 23, 29.
• Section 2.5, page 71, Exercises 1, 3, 7, 9.
• Section 2.6. No problems.

Problems to turn in

• Problem Set 3. Due date, see calendar on web.
  – Section 2.2, page 46, Exercises 8, 18.
• Problem Set 4. Due date, see calendar on web.
  – Section 2.3, pages 55-56, Exercises 14, 32.
• Problem Set 5. Due date, see calendar on web.
• Problem Set 6. Due date, see calendar on web.
  – Section 2.5, page 71, Exercise 8.
Quizzes

- Tuesday, January 17, 15 minute quiz
- Monday, January 23, 15 minute quiz
- Monday, January 30, 15 minute quiz

Problem Sessions

- Friday, January 13.
- Friday, January 20.
- Friday, January 27.

Important

- There is no class on Monday, January 21, 2002. The University is closed for the Martin Luther King Holiday.