MATH 2070  
Introduction to Differential Equations  
Winter 2006  
Assignment Sheet 4

Reading
Read the following material:
• Section 4.1, pages 154-159.
• Section 4.2, pages 160-167.
• Section 4.3, pages 169-176.
• Section 4.4, pages 179-185.

Exercises
Please work the following practice problems:
• Section 4.1, pages 159-160, Exercises 1, 3, 5.
• Section 4.2, pages 167-169, Exercises 1, 3, 11, 13, 15, 21, 27, 29.
• Section 4.3, pages 177-179, Exercises 1, 3, 9, 11, 13, 21, 35.
• Section 4.4, page 186, Exercises 9, 11, 13, 15, 27, 29.

Problems to turn in
• Problem Set 9. Due date, see calendar on web.
  – Section 4.1, page 159, Exercises 6.
• Problem Set 10. Due date, see calendar on web.
  – Section 4.2, page 167, Exercises 4, 18.
• Problem Set 11. Due date, see calendar on web.
  – Section 4.3, page 177, Exercise 22.
• Problem Set 12. Due date, see calendar on web.
  – Section 4.4, page 186, Exercise 12.
Quizzes and Exams

- Monday, February 6, Mid-quarter exam (50 minutes).
- Monday, February 13, 15 minute quiz.

Problem Sessions

- Friday, February 3.
- Friday, February 10.