Engineering and Science Mathematics 1A

Review for Midterm II

Exam date: November 11, 2010

1. Implicit differentiation (see Homework 5)

2. Error propagation (see Homework 5)

3. Find the area under a graph of a function/between the graphs of two functions by integration.

4. Main part of the exam: techniques of integration. The exam problems will be taken from among the odd-numbered Chapter 9 Miscellaneous Problems in Edwards & Penney.

5. Improper integrals

Exam rules:

- No notes and calculators.

- Paper will be supplied.

- Respect the Code of Academic Integrity. It will be enforced.