

Assignment #07 – MATH 1401
Spring 2006

Kawai

Name: _____

- This is due at next week's recitation (normal time).
- Attach this cover sheet to this assignment.
- Use engineering pad paper! Please leave some room for corrections/comments!
- Give enough information about the problem so that the grader does NOT need to refer back to the text!
- Turn in the following:
 - Section 2.9: #4, 6, 10.
 - Section 2.9: #24. Let the cubic polynomial be $f(x) = ax^3 + bx^2 + cx + d$.
 - Section 3.1: #4. Also use the linear approximation to find the value of $\frac{2}{1.01}$ without doing the division.
 - Section 3.1: #12.
 - Section 3.1: #66. Reeeeeeeally good algebra. The approximation is $e^x \approx 1 + x$ when x is near zero (positive or negative).