MATH 240 — HOMEWORK 12.

due on Monday, December 2.

by Stephen W. Goode and Scott A. Annin

Topics:
• Interpolating Polynomials (your notes)
• Chapter 9 Systems of Differential Equations
  – 9.1 First Order Linear Systems
  – 9.2 Vector Formulation
  – 9.3 General Results for Systems.

Twelfth Homework Assignment.

Reading:
• Read Sections 9.1 to 9.4.

Problems: Make sure you can do all the Core Problems for Sections 9.1
  to 9.4, but write up (only) the following problems to be handed in:
• Section 9.1 (page 587)
  – Problems: 4, 12
• Section 9.2 (page 591)
  – True-False Review: b, d, e, f. Problems: 5, 6, 12, 13
• Section 9.3 (page 598)
  – True-False Review: a, c Problems: 2, 4,
• From the old Final Exams
  – Fall 2016: Problem 10, 12,
  – Spring 2016: Problems 13,
  – Fall 2015: Problems 7,