

**MTE204 PRACTICE PROBLEMS, SET #7****Ordinary Differential Equations and Boundary Value Problems**

All problems from Chapra and Canale, *Numerical Methods for Engineers*, 7th ed.

1. Problems 25.1, 25.3, 25.4 – solving ordinary differential equations
2. Problem 25.17, 25.19 – ODE application examples
3. Problem 27.1, 27.2, 27.3, 27.4, 27.5 – boundary value problems
4. Problem 27.23, 27.24 – BVP application examples