

# Homework 3

Due September 20

All problems are from the textbook *Differential Equations with Boundary Value Problems, Second Edition* by Polking, Boggess and Arnold. Please abide by the following rules:

- Write your name and ID number at the top of the first page.
- Staple your pages.
- Box or circle your answers for each problem.
- You can collaborate on the homework, but the final version must be written in your own words. Copying the solutions of others is **strictly forbidden**.

**Section 2.6:** 16, 24, 28, 34, 38.

**Section 2.9:** 10, 20, 22.

**Section 2.7:** 28, 32.