# Homework 8

## Due November 2

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.

- 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 9.3:** 14, 18.

**Section 9.4:** 4, 6.

**Section 9.5:** 8, 22, 34.