

# First Homework Assignment for Math 308 (D100)

**Due: Tuesday, January 19th, 5:00 p.m. (in drop box).**

All section references are to the Vanderbei text.

Problems to hand in:

Chapter 1, problems 1 and 2.

Chapter 2, problems 3, 8, 10, 16.

Note that you can use the on-line pivot tools from Vanderbei's homepage to check your calculations.

Some other problems you should try:

Try as many of the simplex problems (2.1 through 2.11) as you need to get comfortable with the method. You can generate more using the on-line tool mentioned in Problem 2.12. It is also worthwhile to think about Problems 2.17 and 2.18.

Reading:

If you haven't already, please read the Preface.

For Thursday, January 7th, Chapter 1.

For Tuesday, January 12th, to Chapter 2, Section 3.

For Thursday, January 14th, to the end of Chapter 2.