

University of Illinois at Urbana-Champaign Second Midterm Exam, ECE 220 Honors Section

Thursday 5 April 2018

Name:

Net ID:

- Be sure that your exam booklet has **NINE** pages.
- Write your name and Net ID on the first page.
- Do not tear the exam apart.
- This is a closed book exam. You may not use a calculator.
- You are allowed **TWO** handwritten 8.5×11-inch sheets of notes (both sides).
- Absolutely no interaction between students is allowed.
- Show all work, and clearly indicate any assumptions that you make.
- Challenge problems are marked with ***.
- Don't panic, and good luck!

Problem 1 20 points _____

Problem 2 15 points _____

Problem 3 25 points _____

Problem 4 15 points _____

Problem 5 25 points _____

Total 100 points _____