EE 4429 Written Assignment 3
Posted: 03/20/2015 Due: 04/02/2015
Spring 2015

Note: Type or neatly show ALL your work in arriving at your answers, i.e. do not simply write down answers without the steps. This Assignment requires your independent work. Refer to the course syllabus for the academic dishonesty policy applied to all the course assignments. The maximum score for this Assignment is 100 points.

These questions relate to the C-E, C-C and C-B small-signal amplifiers analyzed in class. You may use a simulator of your choice. Use the amplifier circuits and input-output plots discussed in the class as your references.

1. (40%) Simulate the C-E amplifier and verify its input-output characteristics.

2. (30%) Simulate the C-C amplifier and verify its input-output characteristics.

3. (30%) Simulate the C-B amplifier and verify its input-output characteristics.