CS3204 Operating Systems - Fall 2000
Instructor: Dr. Craig A. Struble
Homework 3

Assigned: Tuesday, Oct. 3, 2000   **Due:** Tuesday, Oct. 10, 2000

1. *[5 pts.]* Exercise 3 in Nutt, Chapter 6. Your answer must be written concisely and in complete sentences.

2. *[10 pts.]* Exercise 4 in Nutt, Chapter 6. Your answer must be written concisely and in complete sentences. You may use C or C++ style pseudocode instead of an assembly language code segment, but you must detail the order in which each register is loaded.

3. *[5 pts.]* Exercise 4 in Nutt, Chapter 7. Include your intermediate computations in your solution.

4. *[5 pts.]* Exercise 4 in Nutt, Chapter 7, using round robin scheduling with a time quantum of 7 and context switching overhead of 2. Include the context switching overhead in your computations. Include your intermediate computations in your solution.

5. *[5 pts.]* Exercise 10 in Nutt, Chapter 7. Your answer must be written concisely and in complete sentences.