

## CS 3733 Operating Systems — Spring 2006 Assignment 2

Name \_\_\_\_\_

Consecutively number the pages and fill in the table of contents below. Put a check mark in the box if you think the part was done correctly.

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Description	page number	check if correct
Part 0 cpu burst question	_____	<input type="checkbox"/>
Part 1 load average calculation	_____	<input type="checkbox"/>
Part 2 context switch time calculation	_____	<input type="checkbox"/>
Part 3c paragraph	_____	<input type="checkbox"/>

Part 3b log file: place this after part 3c.

Answer the questions from Part 3b on the back of this cover sheet.

If you think everything you did is correct, check here: ☐

Otherwise, give a brief description of what is working and what progress was made on the part that is not working:

Answer to Part 3a: Do you agree or disagree with the statement?

### Answers to Part 3b:

- 1) To what value would you compare the quantum to know if it is small enough?
- 2) Which simulator parameters need to change to simulate a CPU that is 20 times slower?
- 3) What can you say about the average waiting time when there is only one process?
- 4) Which performance measurements would you use to test the statement in Part 3a?