

## CS 3733 Operating Systems — Fall 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 3a statements                             | _____       | <input type="checkbox"/> |
| Part 3b experiment description                 | _____       | <input type="checkbox"/> |
| Part 3b experiment psconfig, run and exp files | _____       | <input type="checkbox"/> |
| Part 3c calculation                            | _____       | <input type="checkbox"/> |
| Part 3d explanation                            | _____       | <input type="checkbox"/> |

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

Fill in the following numbers from your experiment in Part 3b:

| Value                                          | SJF | PSJF |
|------------------------------------------------|-----|------|
| Number of processes                            |     |      |
| Average waiting time                           |     |      |
| CPU utilization                                |     |      |
| Time for completion                            |     |      |
| Number of context switches (times CPU entered) |     |      |
| Number of CPU bursts per process               |     |      |
| Load Average                                   |     |      |

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

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