

CS 3733 Operating Systems — Spring 2010 Assignment 3

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.

Description	page number	check if correct
Part 1: load average calculation	_____	☐
Part 2: context switch time calculation	_____	☐
Part 2: context switch time simulator log file	_____	☐
Part 2: answer to question	_____	☐
Part 3: simulator log file	_____	☐
Part 3: your sentences about the statement	_____	☐

Fill in the following numbers from your experiment in Part 2:

Value	FCFS	SJF	PSJF
1) Total waiting time (CST = zero)			
2) 10% added to the numbers from line 1			
3) Total waiting time (CST != zero)			
4) Difference between lines 2 and 3			

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

Value	FCFS	SJF	PSJF
Average waiting time (CST=0.00)			
Average waiting time (CST=0.10)			
Average waiting time difference			

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. Use the back if necessary.