CS 365
Assignment 2 - Process Scheduling

Using your learning from Chapters 6 to review the following paper:

- Carl A. Waldspurger, and William E. Weihl "*Lottery Scheduling: Flexible Proportional-Share Resource Management*", Proceedings of the 1st USENIX Symposium on Operating Systems Design and Implementation (1994).

As a part of this assignment, you are required to write a survey report, of the attached paper, that includes a description of the work done in the paper, a comparison of the scheduling strategy presented in this paper with the other scheduling techniques described in the textbook, such as, *FCFS, SJF, priority scheduling, round robin scheduling, rate monotonic scheduling, and earliest deadline first (EDF) scheduling*. The survey should be very detailed and should cover (but not limited to) the following topics:

- CPU-I/O burst cycles
- Preemptive vs non-preemptive scheduling
- Scheduling criteria
- Single processor vs multi-processor scheduling,

Following are the metrics that you will be evaluated on:
- Technical component: 50% of the overall grade.
- Supporting Graphs, Statistics, and Supporting material: 20% of the overall grade.
- Citations: 10% of the overall grade.
- Organization: 10% of the overall grade.
- Language and writing: 10% of the overall grade.