Course Syllabus: CSC 4320/6320 Operating Systems

Course Title: Operating Systems

Class Time and Place: TR 2:00-5:25 a.m. Summer 2013; Classroom South 400

Instructor: Yanjun Zhao; 6th, One Park Place (1PP); Email: operating-systems@hotmail.com.

Office Hours: Tuesday 5:30-6:30 pm; Meetings at other hours by appointment.

Prerequisite: CSc 3320 System Level Programing

Content:
This course is intended to cover various aspects of operating systems. Topics may include:

1. The Overview of Operating Systems
2. Process Managements
   Processes, Threads, Process synchronization, GPU scheduling, deadlocks
3. Memory Management
   Main memory, Virtual memory
4. Storage Management
   Mass-storage structure
5. Protection and Security
6. Distributed Systems
7. Linux/Windows

Text References:
“Operating System Concepts” (9th), Abraham Silberschatz, Peter Baer Galvin and Greg Gagne, Addison-Wesley, 2012

Grading policy:
CSC 4320: Assignments 45%; Middle Exams 20%; Final Exams 30%; Attendances 5%
CSC 6320: Assignments 45%; Middle Exams 20%; Projects 30%; Attendances 5%

Attendance: Students are expected to attend all classes. Regular completion of all assignments, tests and/or projects is absolutely essential to succeed in this course.

Withdrawals: The last day of regular withdrawal.

Academic Honesty: Work submitted for grading must be student's own. Plagiarism, in my professional opinion, may result in grade ´F` for all involved, and may also risk further action. Refer to the university catalogs for policy on plagiarism.

The course syllabus provides a general plan for the course; deviations may be necessary.