Syllabus
CSCI 423: Introduction to Operating Systems
Fall 2009

Instructor: Dr. Paul Ruth

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Course:

Catalog description: Study of the basic concepts of operating systems, including user interfaces, process management, state saving, interprocess communication, input/output, device drivers, timing services, memory management, file management, and system abstractions. Corequisites: None, Prerequisites: Minimum grade of C in CSCI 211 and CSCI 223, Credit(s): 3

Lecture Mon & Wed 11:00AM - 11:50AM, Weir 235
Laboratory Fri 11:00AM-11:50AM, Weir 234 (Systems Lab)


Outcomes/Objective: Upon completion of this course students should be able to:

- understand the modern operating systems concepts including processes, process scheduling, IPC, memory management, I/O, and file systems.
- implement the operating systems concepts.
- evaluate the effectiveness of their implementation.

Classroom Organization:

The class will be divided in to two parts.

- Lecture will meet on Mondays and Wednesdays from 11:00AM-11:50AM in Weir 235. During lecture the instructor will present topics covered in the course.
- Lab will meet on Fridays from 11:00AM-11:50AM in the System Laboratory (Weir 234). Labs will be a venue for the instructor to explain the more difficult projects and for you to work on these projects with the instructor present to help.
Grading:
Exams 50%
Projects: 50%

Grading Notes:

• No makeup exams.
• The final exam is optional and comprehensive. You may use the final exam to replace any one of the other exams.
• All projects have a due date and time. Any project turned in late will receive a penalty of 30% of the earned points. You are allowed to re-submit any project late in an attempt to receive a higher score. All late projects must be turned in by 11:59PM on the last day of class (Dec. 4th, 2009, 11:59PM). All late projects will be graded after the Dec 4th deadline. No help will be received from the instructor on late projects after Nov. 20th, 2009.
• There is no predetermined grading scale. Often a final grade greater than 90 would be an A and between 80 and 90 would be a B. However, I will adjust this scale to the particular class and will consider participation and intellectual initiative in borderline cases.
• Any problems with graded work must be brought to the instructor’s attention within one week of the work being returned in class. It is your responsibility to pickup graded work returned during classes that you did not attend. Grades will not be modified after the one week period.
• In order to pass the course, you must pass both the Exam and Projects portions. Passing requires earning at least 50% of the possible score for the Exams and 50% of the possible score for Projects.
• I will return your email within 24 hours of receiving it. This means that project questions sent within 24 hours of the time a project is due may not be answered until after the project due date/time.
• All grades will be posted on Blackboard. It is your responsibility to check your grades in Blackboard and report any errors.
• All non-grade information will be posted on the course website. You must check the website as I will be posting important information about the course.