

COSC 7360—Advanced Operating Systems

Spring 2011

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Overview

Each offering of COSC 7360 covers in depth a specific area of operating systems. We will cover this semester peer-to-peer solutions with a special emphasis on video streaming and video-on-demand applications

The list of papers to be discussed in class with links to the papers themselves to be discussed in class will be posted on my Web site at <http://www2.cs.uh.edu/~paris/7360/rlist10.htm>.

Grading Policy

There will be one midterm, one final and a project. The tentative grading scale is 70% for the two tests, 25% for the project and 5% for class participation. Both tests will be *open book*.

No cheating or plagiarism will be tolerated on any test or any project. Everything you turn in must be your own work. ***The minimum penalty for any transgression will be an F grade for the course.***

The Project

You will have three ways to satisfy the project requirement:

1. Presenting in class two papers from the reading list and turning in your own sets of PowerPoint slides
2. Submitting a *paper* surveying some sub-area of operating systems. It should have between five and six pages in the IEEE conference format; it will be graded in the same manner as the COSC 6360 term paper;
3. Submitting the results of a research project related to operating systems, distributed systems or their interface with other areas of computer science. It should be accompanied by a brief report (between three and five pages in the IEEE conference format).

The IEEE conference templates can be found on line IEEE template web site:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html.

Be sure to select the templates for the *US letter* format.

If your research group submits their papers to ACM conferences, talk to me to obtain a variance.

Important Dates

<i>Project proposal due</i>	Late January
<i>Midterm</i>	Monday March 7
<i>Project report due</i>	Last day of classes: Monday May 2
<i>Final</i>	Wednesday, May 11 at <u>5:00</u> pm

Updated last on Saturday, January 08, 2011.