

**Syllabus: CITE 30103 System & Network Admin**  
Spring 2010  
Dr. Hannon

## **Text**

*None (web sources will be used)*

## **Objective and Overview**

This course will focus on the design and implementation of computer systems and networks including organizational models, software applications, operating systems, hardware and security procedures.

## **Class Format**

Eighty minute classes can sometimes get boring so I will use one of two class formats throughout the semester, each with two different Lecture Periods (LPs):

Format #1: LP #1 (9:30-10:10)  
LP #2 (10:10-10:50)

Format #2: Section Quiz (9:30-9:50)  
LP #1 (9:50-10:20)  
LP #2 (10:20-10:50)

Most of the time, the LP1 and LP2 lectures will be over completely different topics. For example, in the first part of the semester, most of the LP1 lectures will be over systems while the LP2 lecture will cover networks. Later in the semester the division will be between theory and practice.

## **Grades**

Grades will be determined using the following breakdown:

Topic Quizzes and Final	<b>35%</b>
Assignments	<b>30%</b>
Project	<b>25%</b>
Presentation	<b>10%</b>

## **Section Quizzes and Final**

Five section quizzes will be given during the first 20 minutes of a class period on scheduled dates during the semester and a final topic quiz will be given during the

course's designated finals time in the Final's Week. Each topic quiz (excluding the 'final') is worth 7 points. The final is worth 14 points. If you take the final, either your two lowest quiz grades or the final grade will be dropped based on which method gives you the best grade. If you are satisfied with your quiz grades at the end of the semester, you do not have to take the final.

The final exam (or quiz) will be comprehensive. A time limit for all tests will be strictly enforced. Tests will consist of True/False questions, multiple-choice and short answer. The final will include an essay question. Essay questions are graded on clarity of ideas and presentation, not length.

## **Assignments**

Assignments will consist of both traditional homework and hardware/software setup in the lab. The number of assignments may be changed as the class progresses but I expect to give eight assignments.

## **Presentation**

Four class periods will be reserved for eight student presentations. During each of the two LP on these days, students will present their assigned topic. Each student presentation is expected to be no less than 30 minutes and no more than 40 minutes.

Your presentation will be graded on three factors: 1) content, 2) presentation style and quality, and 3) creativity and interest. I will make an attempt to assign students to topics which are interesting to them, but you should be prepared to have to cover a topic that is assigned to you, regardless of interest. Your presentation is a major part (10%) of your grade so I expect you to be prepared and do a good job presenting your topic.

## **Project**

Projects will be a team effort to install and demonstrate some complex network application (like a BOINC server or some other database-driven web service) on a set of computers in the Systems lab. I will assign the team members and the project, but am willing to take input on both.

In addition to a demonstration of your end product, you will be required to document it using a website setup on the set of computers you are using for the project.

## **Class Schedule**

The schedules provided for this class should only be viewed as a guide (i.e., we can and will change things as we see fit). The first version is given on a separate link from the website's main page. We will attempt to keep the schedule updated as best we can, but I will need to deviate from the schedules based on things that happen through the semester.

## **Academic Dishonesty:**

The Computer Science Department takes academic dishonesty quite seriously. Academic misconduct will not be tolerated. Such acts are detailed in the current *TCU Bulletin* and include: copying, using, or in any way misrepresenting another's work as your own; substituting for another or having someone substitute for you; plagiarism; collusion; abusing resource materials; unauthorized use of computer software or hardware; fabrication and falsification; complicity in misconduct. Such conduct at a minimum results in a zero on the test or assignment, and may result in a failing grade for the course.

## **Students with Disabilities**

Texas Christian University complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 regarding students with disabilities. If you require accommodations for a disability, please contact the Coordinator for Students with Disabilities in the Center for Academic Services, located in Sadler Hall 11. Further information can be obtained from the Center for Academic Services, TCU Box 297710, Fort Worth, TX 76129, or at 817-257-7486.

Adequate time must be allowed to arrange accommodations and accommodations are not retroactive; therefore, students should contact the Coordinator as soon as possible in the academic term for which they are seeking accommodations. *Each eligible student is responsible for presenting relevant, verifiable, professional documentation and/or assessment reports to the Coordinator.* Guidelines for documentation may be found at <http://www.acs.tcu.edu/DISABILITY.HTM>.

**\*\*\*\*Students with emergency medical information or needing special arrangements in case a building must be evacuated should discuss this information with their instructor/professor as soon as possible.\*\*\*\***