EE380: Seminar on Computer Systems
Summer 2013

Catalog Description

Current research in the design, implementation, analysis, and use of computer systems from integrated circuits to operating systems and programming languages, to individual and clustered systems, and beyond to applications of same and their effects.

Prerequisites

No prerequisites. This course is intended for graduate and advanced undergraduates in CS and EE.

Time and Location

Lectures:
Video only in the Summer

Most classes during Autumn, Winter, and Spring Quarters will be webcast live and archived for on-demand viewing. The Summer Quarter class is online only and consists of self-paced and self-selected lectures chosen from our archives.

Instructors

Dennis Allison, allison@stanford.edu
Office hours: by appointment

J. Andrew Freeman, anamax@earthlink.net
Office hours: by appointment

Teaching Assistant

No teaching assistant.

Grading

EE 380 is a S/NC one unit course. Nominal assignments (one per lecture) and an evaluation are required to successfully pass the course. Incomplete grades (“I” grades) are given only in dire circumstances.

Expected Workload

EE 380 conforms to the Western Association of Schools and Colleges credit guidelines as published in the Stanford Bulletin. EE 380 is a one credit class. Students are expected to devote three hours per week: the one-hour lecture with fifteen minutes (or more) of
questions following. A short essay assignment (30 minutes or less) completes the formally assigned work; the remaining time is to be used by the student to explore the topic on their own. When possible speakers are urged to provide pointers to additional readings on their topic.

Homework

A short paragraph or two discussing each lecture must be submitted using the forms provided at the course website: http://ee380.stanford.edu. Following the last lecture, an evaluation form for the class must be submitted.

Exams

There are no examinations for this course.

Textbooks

There are no textbooks for this course.

Lecture Notes

Abstracts are posted for each of the seminar presenter's talks on the website. When possible, we also post a copy of the presenter's slides following the lecture and, occasionally, other relevant materials.

Website

http://ee380.stanford.edu. The website is open to anyone, but you must log in with a Stanford ID to submit or check assignments. We maintain an open mailing list for announcements.

Other Websites

Most lectures are available on YouTube.com and iTunes.com as well as on the class website and the SCPD website.

Schedule of Speakers

The current schedule is available on the website. Because the course content consists of lectures from outside speakers, it is subject to change without notice. Occasionally we need to substitute an archival talk for the live talk because the live talk contains material that is inappropriate for broad video distribution. While we try to announce such substitutions, it is not always possible to do so.