

University of North Alabama  
Departmental Syllabus

**COURSE:** CS 360  
**COURSE TITLE:** Computer Networking  
**CREDIT:** 3 Semester hours  
**PREREQUISITE:** CS 255

**COURSE DESCRIPTION:** Introduction to computer networking including basic networking concepts and components, architecture, protocols, server types, network operating systems and network security.

**COURSE OBJECTIVES:**

1. The student will learn about techniques of data communications.
2. The student will learn about methods and protocols of wide area networking.
3. The student will learn about methods and protocols of local area networking.
4. The student will learn about the architecture and protocols of internetworking.

**COURSE CONTENT:** *(with approximate class hours – remaining hours in Tests and Lab exercises):*

- I. Overview of computer communications (3)
- II. Data communications techniques (6)
- III. Wide area networks (8)
- IV. Local area networks (4)
- V. Internetworking architectures and protocols (8)
- VI. Network Security (2)

**COURSE REQUIREMENTS:**

Class attendance  
Laboratory assignments  
Hour tests  
Comprehensive final exam

**GRADING PROCEDURE:**

The grade will be a weighted average of assignments, hour tests, and the final exam.

**Accommodation Statement:** In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the University offers reasonable accommodations to students with eligible documental learning, physical and/or psychological disabilities. Under Title II of the Americans with Disabilities Act (ADA) of 1990 and Section 504 of the Rehabilitation Act of 1973, a disability is defined as a physical or mental impairment that substantially limits one or more major life activities as compared to an average person in the population. It is the responsibility of the student to contact Developmental Services prior to the beginning of the semester to initiate the accommodation process and to notify instructors within the first three class meetings to develop an accommodation plan. Appropriate, reasonable accommodations will be made to allow each student to meet course requirements, but no fundamental or substantial alteration of academic standards will be made. Students needing assistance should contact Development Services.