CS473 Syllabus

Time            MWF 3:00
Room            A-017 Root Hall

Professor       G. Exoo
Email           ge@cs.indstate.edu

Office Hours    MWF 12:30-1:30 (office)

Class Web Page  http://cs.indstate.edu/CS473

Academic Integrity Policy
Student Guide

Online Textbook Links
Intro BSD Socket Tutorial (on class web page)
Advanced BSD Socket Tutorial (on class web page)
Various RFCs

Grading
Major projects  25%
Weekly programming assignments  25%
Quizzes         10%
Final Exam      15%
Attendance      25%

Important Dates
There will approximately one programming assignment per week
There will be two major projects, one due at spring break, the other at the end of the semester.
The Final Exam will be held May 10, 3PM
There will be an exam just prior to interim grading.

Grading Scale
92 - 100    A
90 - 91     A-
88 - 89     B+
82 - 87     B
80 - 81     B-
78 - 79     C+
72 - 77     C
70 - 71     C-
68 - 69     D+
60 - 67     D
0 - 59      F
Course Topic Outline (not chronological):

• Network Switching
  – Circuit switched networks
  – Packet switched networks

• Layered architectures
  – OSI

• TCP-IP architecture
  – Network Access
    * Physical layer
    * Data link layer
  – Internet layer
  – Transport Layer
    * TCP
    * UDP
  – Application Layer
    * SMTP
    * HTTP
    * SSH
    * SNMP

• Packet formats

• Socket programming
  – Writing clients
    * UDP
    * TCP
  – Writing servers
    * UDP
    * TCP
Indiana State University fosters a campus free of sexual misconduct including sexual harassment, sexual violence, intimate partner violence, and stalking and/or any form of sex or gender discrimination. If you disclose a potential violation of the sexual misconduct policy I will need to notify the Title IX Coordinator. Students who have experienced sexual misconduct are encouraged to contact confidential resources listed below. To make a report to the Title IX Coordinator, visit the Equal Opportunity and Title IX website.

Confidential Resources:

- The ISU Student Counseling Center
  - HMSU 7th Floor
  - 812-237-3939

- Campus Ministries

For more information on your rights and available resources:

- The ISU Victim Advocate: Leah Reynolds
  - HMSU Room 813
  - 812-237-3829 (office)
  - 812-243-7272
  - leah.reynolds@indstate.edu