

Network Programming

Instructor: Dave Hollinger

Home Page:

`www.pde.rpi.edu/courses/00s/np`

Email: `netprog@cs.rpi.edu`

Course Home Page

- Announcements
- Homework Assignments
- Links to required readings
- Links to web resources
- FAQs (for homework and tests)
- Chat

Programming Environment

- Unix workstation
 - Solaris, AIX, IRIX, Linux, BSD, ...
- All students have RCS account
- All students will get an account on Computer Science workstations

Homework Submission

- Submission will be via email.
- Date and Time of submission is when our mail server receives your submission.
- Hopefully the submission system will be automated...

Homework (cont.)

- Directions for submission will be posted on the course home page with the first assignment.
- Submission guidelines will also be posted on the course web site
 - what we expect: comments, Makefiles, etc.

Video Streaming

- All lectures are streamed to the WWW live.
- Video streams are also archived and can be retrieved at any time.
 - anyone with WWW access can catch up on a missed lecture.
 - you can use them if you have trouble sleeping!

Email

netprog@cs.rpi.edu - for questions about homeworks or material covered in lecture.

hollingd@cs.rpi.edu - for questions about my kids or to find out what kind of cookies you can send me.

Email (cont.)

`netprog-submit@cs.rpi.edu`

- for homework submissions only!
- will be answered by a program (not a human).
- more details with the 1st assignment.

WebCT

- Course web site is WebCT based.
- Instructor and TAs will watch the discussion area **daily**.
- Calendar will be updated with important dates.

Course Topics

- Networking
- TCP/IP
- Sockets Programming
- The Internet and Internet protocols
- The WWW and Web programming
- Security
- Other Network Programming APIs

Grading

- 2 Tests 30%
- Programming Projects 70%
- Syllabus indicates 7 projects!
 - we may have fewer
- Grades posted on WebCT

Academic Integrity

- All programming projects are to be done individually!
- Discussion is encouraged.
- No sharing of code.

- Catching cheaters is my hobby!

Classroom activities

Lectures

Demonstrations

Discussions

Thought Exercises

Questions and Discussions

- Remote students can call.
- Remote students can use WebCT chat.
- Local students should not be shy!