CSCI 2467 – System Programming Concepts – Fall 2008

Instructor: Dr. Stephen Winters-Hilt
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Class Time/Location: TTh 11:00-12:15pm; Math Bldg 214

Office Hours: M 10:30-12:30am
Office Location: CERM 217 (Center for Energy Resource Management, Bldg 34 on map)

Prerequisites: CSCI 2125, 2150, 2450, or instructor's permission.

Textbooks:

- Unix: The Textbook 2nd edtion, by Sarwar et al. (required)
- Programming Perl, 3rd edition, by Larry Wall et al. (optional)
- C How to program, 5th edition, by H.M. Deitel and P.J. Deitel (required)

Class Notes: Available in Word and PDF on class web page periodically.

Grading:

Homework assignments (5) 40%
Midterms (2) 30%
Final (12:30-2:30pm Th. Dec. 11) 30%

(A) 90-100; (B) 75-89; (C) 65-74; (D) 55-64; (F) below 55.

Topics covered:

- Introduction to UNIX operating system.
- Basic Programming in Perl (syntax, features).
- Basic Programming in C (syntax, features).
- C System Programming in UNIX environment (I/O, File Systems, Process Control).

Policies:

- Assignments will be assigned individually and, sometimes, to groups.
- Homework is due in class on due date. A 10% deduction will be assessed each day after due date.
- Omit documentation in your code at your own risk – if grader can't understand your code, and there's insufficient documentation, points will be deducted.