



COURSE SYLLABUS

COP 4342 UNIX Tools

Prerequisite: COP 3330

Fall Semester 2006

COURSE POLICIES:

Assignments/Responsibilities:

Exams	40%
Final Exam	20%
Assignments	40%

Attendance:

Attendance at all lectures is required, and will be monitored. Each unexcused absence in excess of two will result in a one point deduction from your final average.

Missed Exams/Late Assignments:

Students will not be allowed to make up a missed exam due to an unexcused absence. Late assignments that are unexcused will receive a 25% per day (or part thereof) penalty.

Grading/Evaluation:

92-100	A	88-89	B+	78-79	C+	68-69	D+	0-59	F
90-91	A-	82-87	B	72-77	C	62-67	D		
		80-81	B-	70-71	C-	60-61	D-		

COURSE MATERIAL:

Name: ***UNIX Power Tools, 3rd Edition***
Author: ***Jerry Peek, Tom O'Reilly and Mike Loukides***
Publisher: ***O'Reilly & Associates***

COURSE DESCRIPTION:

This course is an introduction to selected Unix tools and utilities that are useful for advanced users, programmers, and system administrators, such as shell scripts, the perl language, revision control systems, debuggers, editors, and the make, awk, sed, and expect utilities.

COURSE OBJECTIVES:

A student who has completed this course with a passing grade should be able to:

- *Demonstrate a basic understanding of programming in shell scripts.*
- *Demonstrate a basic understanding of programming in Perl.*
- *Demonstrate an understanding of UNIX tools for file management.*
- *Demonstrate an understanding of UNIX tools for text manipulation.*
- *Demonstrate an understanding of UNIX tools for program development.*
- *Demonstrate an understanding of UNIX tools for document preparation.*

ACADEMIC HONOR CODE:

Students are expected to uphold the Academic Honor Code published in The Florida State University Bulletin and the Student Handbook. The Academic Honor System of The Florida State University is based on the premise that each student has the responsibility (1) to uphold the highest standards of academic integrity in the student's own work, (2) to refuse to tolerate violations of academic integrity in the university community, and (3) to foster a high sense of integrity and social responsibility on the part of the university community.

Please see the following web site for a complete explanation of the Academic Honor Code.

<http://www.fsu.edu/Books/Student-Handbook/codes/honor.html>

<http://www.fsu.edu/Books/Student-Handbook/>

TOPICS:

Topic
Creation of Basic Shell Scripts
Use of Shell Variables
Use of Basic Control Structures
Use of Various UNIX Utilities
Advanced Features of the awk Utility
Declaration and Use of Array Variables
Use of Explicit and Automatic Memory Variables
File I/O Using Filehandles
Program Development Tools
File Management Tools
Document Preparation

AMERICANS WITH DISABILITIES ACT:

Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

For more information about services available to FSU students with disabilities, contact:

Student Disability Resource Center
97 Woodward Avenue, South
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
(850) 644-8504 (TDD)
sdrc@admin.fsu.edu
Mail code: 4167

<http://www.fsu.edu/~staffair/dean/StudentDisability/>