

FSU CURRICULUM FILE SYLLABUS

DATE APPROVED _____ (COMPLETED AT UNIV LEVEL)

COURSE PREFIX/NUMBER: COP 4342

COURSE TITLE: Unix Tools

PRE OR COREQUISITES: COP 3330 REPEAT CODE: 00

LIST 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.*

OBJECTIVES SHOULD BE BROADLY STATED TO ALLOW FACULTY DIFFERENCES AND ALLOW CHANGES IN MODE OF DELIVERY. ENOUGH DETAIL SHOULD BE GIVEN TO DISTINGUISH FROM OTHER COURSES IN ASSIGNMENT OF A SUS COURSE NUMBER. COMMITTEE APPROVALS ARE REQUIRED FOR A CHANGE IN OBJECTIVES.

GIVE BRIEF OUTLINE OF TOPICS TO BE COVERED (NO DATES):

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

EVALUATION CRITERIA CHECK ONE (CHANGE IN EVALUATION CRITERIA REQUIRES THE DEPARTMENT TO SUBMIT A NEW SYLLABUS FOR THE FILE)

EXAMS ONLY (THE NUMBER AND WEIGHT OF EACH TO BE REFLECTED ON THE STUDENT SYLLABUS)

EXAMS AND OTHER (SUCH AS LAB REPORTS OR ASSIGNMENTS, TERM PAPER OR WRITTEN PROJECT, ORAL PRESENTATION; THE WEIGHT OF EACH TO BE REFLECTED ON THE STUDENT SYLLABUS.

NO EXAMS - ONLY ASSIGNMENTS (TO BE DESCRIBED CLEARLY ON THE STUDENT SYLLABUS)