

CMPSC 206 Syllabus
Introduction to Unix/Linux Systems and Programming

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Semester:

Meeting times:

Classroom:

Section:

Required Textbooks (ISBN-1418837237)

Guide to UNIX Using Linux by Michael Palmer, 4th ed, Thomson 2008

Course Description

Prerequisite: CMPSC 204 Introduction to Programming

Introduction to the UNIX operating system using Linux. Coverage will include using UNIX shells, commands, the role of the system administrator, the UNIX file system, editors, file processing, shell programming, utilities, PERL and CGI programming, C and C++ programming, and recent developments in UNIX and the X Windows graphical user interface. Extensive hands-on experience using UNIX operating system and programming within the UNIX environment.

Student Learning Outcomes

Upon successful completion of this course, the student will be able to:

Evaluate UNIX shells, commands, and the UNIX file system.

Articulate the role of UNIX system administrator and ordinary users.

Create and build basic and advanced UNIX file processing.

Construct advanced shell programming techniques to applications development.

Articulate and evaluate various problem solving techniques using UNIX utilities.

Disclaimer

This syllabus is a guideline for your participation in this course. The syllabus is subject to change. The instructor reserves the right to change the syllabus (i.e. add items, delete items, etc.) in order to adjust the syllabus as necessary for the learning benefit of the student and to meet the prescribed objectives for the course. Updates to the syllabus will be posted on Blackboard/WebCT.

Expectations

Chapter quizzes – on line via Blackboard/WebCT (Study aid for the tests)

Attendance and participation

Timely completion of labs

PPA = Professor Prerogative Assignments assigned at random

