

Syllabus

Course Description:

Department and Course Number: SYCS 211
Course Instructor: Dr. Jiang Li
Course Title: UNIX Lab
Total Credits: 1

Office Hours: Tuesday 11-1PM, Thursday 1-3 PM, or by appointments

E-mail : lij@scs.howard.edu

Phone : 202-806-4861

Web site: <http://www.networks.howard.edu/lij/courses/2016/211>

Current Catalog Description:

This course will present the basic concepts of Unix/Linux operating systems. Topics that will be examined include Vi editor, commonly used Unix/Linux commands, directories, users and groups, file permissions, processes, shell script.

Reference book (not required):

Linux: The Textbook, Sarwar, Koretsky, Sarwar, ISBN: 0-201-72595-9

Course Goals:

Learn basic principles and components of Linux Operating System.

Learn and be familiar with the Linux command.

Understand file permission.

Understand Processes

Learn shell scripts.

Prerequisites by Topic:

Fundamentals of computer programming

Major Topics Covered in the Course:

- Linux log in
- SSH, SFTP, GUI
- Permission
- Directories
- User and groups
- File systems
- Processes
- Common commands
- Vi editor
- Shell Script

Grade:

Homework = 50 %

Final Exam = 50 %

Marking Scheme:

90 – 100 = A, 80 – 89 = B, 60 – 79 = C, 50- 59= D, < 49 = F