

THE UNIVERSITY OF SOUTH CAROLINA LANCASTER
UNIX/Linux Fundamentals
CSCE 215, Spring 2012

Contact Information:

Professor: Dr. Noni Bohonak, HH 110

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Office Hours: 9:00-10:00AM on M & W; 9:30-10:45AM on T & Th in HH110
with other times by appointment in the afternoon and evening or
Fridays.

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Class Time: Jan 9 – Apr 23, 2012; 4:30-5:15pm, Monday + Blackboard

Final Exam: Post final on Blackboard by April 30, 2012 at midnight.

Location: HH222 and on Blackboard

Course Information:

Description: USC Online Bulletin (8/4/2011)

Unix operating system, user-level system commands, and
programming tools, UNIX scripting languages.

Credits: 1-Credit

Prerequisite: CSCE 145,

Note: Open to all majors. Not auditable.

Text Info: Lecture notes will come from Introduction to UNIX and Linux by
John Muster (McGraw-Hill Osborne) and from the Internet and posted
on Blackboard. You do not need to purchase a text.

Learning Outcomes:

Upon completion of this course that students should be able to:

1. Describe the history of UNIX/Linux,
2. Understand and use UNIX/Linux shells,
3. Understand the roles of the UNIX/Linux users and system administrator,
4. Understand and use basic UNIX/Linux commands,
5. Understand and use the UNIX/Linux root hierarchy,
6. Understand and use the UNIX/Linux file processing procedures/commands,
7. Understand and use shell script programming,
8. Understand and use basic UNIX/Linux utilities

General Education Coals:

The General Education goals for the University of South Carolina Lancaster (USCL) include a set of fundamental skills (reading, writing, reasoning, and oral communication), and the use of knowledge and thinking as a means to prepare students to assume a role in our present and future society. CSCE 215 meets these goals by:

1. Exploring the operating systems, particularly UNIX and Linux;
2. Encouraging students to think beyond personal computing; and
3. Providing an introduction to computing systems.

Grading:

A grade for the course will be determined by a calculation based on the following:

Student Readings and Assignments	80%
Weekly Online Class Discussions	10%
Final Project	10%

with the final grade based on the following scale:

90 – 100	A	70 – 75	C
86 – 89	B+	66 – 69	D+
80 – 85	B	60 – 65	D
76 – 79	C+	below 60	F

Important Course Format Information

This course is a hybrid course that combines weekly meetings with online activities. After the first class meeting on Monday, January 9th, the assignments and exercises will be conducted on Blackboard except when a “hands-on” demo or test is conducted. It is important that you check your USC email accounts several times during the week as all communications will be done through these accounts. Assignments will have due dates. You will need to submit these assignments on Blackboard. In addition, there will be a discussion area on Blackboard on which you will be expected to participate.

The goal is to familiarize students with two operating systems: UNIX and Linux.

Assignments

All Weekly Assignments will be posted on Blackboard.