CIS-120 – Linux/UNIX I: Fundamentals Course Syllabus

Course Code:

CIS-120

Course Title:

Linux/UNIX I: Fundamentals

Course Description:

In this course; students are introduced to UNIX and Linux tools. The course covers the UNIX/Linux file system; communication with other users; the use of text editors; file manipulation and processing; basics of pipes and redirection; simple shell programming; and a basic introduction to Linux. This course contains material previously taught in CIS 121.

Prerequisites:

- Academic Reading and Writing Levels of 6; Academic Math Level 1

Outcomes and Objectives:

Please refer to the CIS-120 Master Syllabus

Required Text and Materials:

Please confirm edition with WCC Website or go to the WCC Bookstore and use the Find the Course Materials feature to view the required and recommended course materials: https://washtenaw.bncollege.com/course-material/course-finder

- No textbook to purchase. This is free within the Bb course site
- CIS at WCC (OER)

Course Overview

Course Objectives:

As a result of taking this course the student will be able to:

- Understand the basic functions of the UNIX operating system.
- Be able to utilize UNIX on-line help.
- Use simple Unix commands to send and receive electronic messages and mail.
- Use the standard UNIX editors.
- Use standard UNIX text processing utilities.
- Understand UNIX file and directory structures.
- Manage and manipulate UNIX files and directories.
- Know and use standard UNIX utilities and commands such as pipes and filters.
- Write and use simple shell scripts.
- Be able to redirect input and output.
- Perform basics tasks in Linux.

Technical Requirements:

For this course you will need a PC or Mac computer (not a Chromebook), and an Internetconnection.

Time Commitment:

This is a three-credit course. This course may require 10 hours per week, in addition tothe time spent in class (both online and off).

Email Expectations and Availability of the Instructor:

Please your WCC email account many times during the week, as that is where I will besending notifications. I check emails at least once a day, every day, so you should have a response within 24 hours. If you do not receive a reply after 24 hours, feel freeto resend your email.

Email Communication Guidelines:

- Email me using my college email shown in Instructor contact on Blackboard.
- Use only your WCC email account.
- Always provide a clear subject line that includes your course, section number, and any other relevant information such as assignment name or number.
- Always sign with your full name.

Grading:

Quizzes

On most weeks you will have a quiz. The quizzes are on the readings for that week. See schedule for quiz due dates and times. There are no makeups for quizzes.

Assignments

On most weeks you will be given an assignment. The instructions for theassignment will be written on each assignment. Please look at the schedule for assignment due dates and times. Late assignments will not be accepted,

NOTE: These may be subject to change with notice

Assignments/Quiz	Points/Number of each	Total Points
Quiz	10 x 12	120
Discussions	20 x 4	80
Assignments	48 x 9	432
Final Assignment	100 x 1	100
Total		**732**

The final assignment consists of two scripts you will write that involves much of what wewill learn this semester, that is why the points are so much greater. In a sense it is like afinal exam only it is an assignment instead.

If you have questions or concerns about a grade, please talk with me about it within 7days of it being received, otherwise the grade stands as is.

Assignment and Quiz Due Dates:

Please see schedule for due dates and times. Late work is not accepted.

Policies:

You are expected to be familiar with and follow WCC Computing Resources Usage Policy http://www.wccnet.edu/trustees/policies/8022/

Academic Integrity:

Plagiarism and other forms of academic dishonesty will result in discipline according to the [WCC Student Rights & Responsibility guidelines](). Always complete your own work using your own words. If you do use information, ideas, or words from other sources, credit that source using MLA or APA format.

Accommodation of Special Needs:

[Learning Support Services Department]() provides support to students who may need accommodation for documented disabilities, or other learning need. WCC will work with you to accommodate any of your individual learning needs, however, I need to know of any requests in advance in order to make the necessary arrangements.

WCC Student Policies and Support Information:

Review the material within the Washtenaw Community College Student Policies and Support Information for additional policies and procedures that affect you and your course. Find this information [on this shared page]().