Empire College
Business – Law – Technology – Medical

CLASS NUMBER AND NAME:	**CSN260—Basic Linux**
TOTAL HOURS/ UNITS:	72 HOURS/5.0 UNITS
PREREQUISITES:	CSN242- Windows Operating System Configuration
TEXTS AND MATERIALS:	*Linux Bible Eighth Edition, Wiley Publishing, Inc.* (ISBN 9781118218549) CD's and DVD's as provided by the instructor
CLASS DESCRIPTION:	A combination of lecture, lab exercises and hands on training introducing the student to the basics of the Linux/Unix operating systems.
CLASS OBJECTIVES:	To provide the student with the fundamental knowledge of the Linux operating system and installation, configuration and basic system management including commands, X Window systems and a history of the Unix operating system.
CLASS FORMAT OVERVIEW:	This class is a combination of lecture and lab.
	Time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the material and ¼ hour outside of class for each hour of structured lab time.
METHODS OF INSTRUCTION:	As lecture and labs are the principal means of instruction, it will be expected that all students will be present every day to take part in class.
	Students are required to read prior to lectures. Upon completion of lectures, the homework will be reviewed and discussed in class. **Excuses are frowned upon – Solutions are encouraged!**
	<u>NOTE TAKING:</u> Students should be aware that a reasonable effort at note-taking is a requirement in this class. The main goal of this class is for you to learn basic vocabulary, concepts and skills. Some newer material is not in the text at all; some of the concepts in the text may be difficult to grasp until someone explains them to you. Therefore, note-taking is essential.
ATTENDANCE:	It is CRITICAL to the student's success to attend class every day and that all exercises and projects are completed on time. <u>Attendance will be taken 10 minutes after the beginning of class</u>. *A Student who is not present at this time will be marked absent from the class for that day*. Please notify your instructor in advance if you need to be absent. **A minimum of 80% attendance is required to pass this class. 5 days of absences will put you below this mark**
TESTING:	Tests will be given as announced

LATE TESTING: **Late testing is only allowed at the instructor's discretion.**

GRADING POLICIES: The grading system for this module consists of the following:

Attendance----------10%
Participation, lab exercises----------20%
Homework----------10%
Weekly exams----------30%
End of module final----------30%

FINAL GRADE:
Combined grades from attendance, class participation, exercises, weekly quizzes, professional attitude and module final will be graded on the following scale:

90 – 100% = A
80 – 89 % = B
70 – 79 % = C
60 - 69 % = D
0- 59 % = F

ANTICIPATED LEARNING OUTCOMES: Upon successful completion of this course the student will be able to:
1.Configuring the X Windows System for computers

2.Set up, configure and maintain network services

3.Configure and use Samba for connecting to Windows NT Servers

4.Administering Linux in a stand alone, network environment.

5.Setup and administer printing to a NT or W2K machine.

Homework-

Read each chapter before the class in which we cover it. At the end of the chapter there are exercises which will be done in the lab and due by the end of the class period on the day the material is covered in class. The more prepared you are the easier the labs will be.

Also there will be four in class oral presentations due. You will find one news story about Linux to bring in and share with the class. You will prepare a short 3-5 minute presentation on the article, giving a summary of the article and the reasons why this article is important to the rest of the class as future systems administrators.

A few hints on where to start looking.

Google:

Red Hat
Novell
SCO vs. Novell
Lindows
FSF
Linux Foundation

Lab Assignments-

During lab time you will need to finish the exercises found at the end of the chapter covered in class. I will also hand out supplemental lab exercises to help review important topics and review for the tests. You will either hand me back the completed hand out or show me the results on your computer for full points. Lab work **cannot** be made up so if you miss that day you lose out on the points.

Tests-

All in class tests will be hands on.

I will allow you to use your book and any notes you have made on the Hands-on tests. BUT I will knock 20% of your score off the top, meaning that the highest grade you can receive on the test is an 80%. You must inform me that you are using your book before you open it. You can start the test without written aids then if you are having trouble use them, but you must sill inform me and I will still lower your score.

Six Week Tentative Schedule

Week 1
Quick Install
Lab Setup
Chapter 1
Chapter 2
Chapter 3

Week 2
Chapter 4
Review
Article Due
Revolution OS
Chapter 5
Chapter 6

Week 3
Chapter 8
Article Due
Test
Chapter 9

Week 4
Chapter 10
Chapter 11
Article due
Test

Week 5
Chapter 13
Chapter 15
Chapter 19
Review
Chapter 20

Week 6
Article due
Test
Chapter 22
Review
final