

SUSSEX COUNTY COMMUNITY COLLEGE

Master College Syllabus

<u>COMS148</u>	<u>INTRODUCTION TO LINUX</u>	
<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CLASSIFICATION</u>
<u>3</u>	<u>2</u>	<u>2</u>
<u>CREDITS</u>	<u>CLASS HOURS</u>	<u>LAB HOURS</u>

**RECOMMENDED TEXTS:**

Title: The Linux Cookbook 2<sup>nd</sup> Edition  
Author: Michael Stutz  
Publisher: No Starch Press  
Edition/Date: 2004

**CATALOG DESCRIPTION**

This course is designed to familiarize students with the Linux operating system, which has all of the features of a modern, fully fledged operating system: true multitasking; virtual memory; shared libraries; demand loading; shared, copy-on-write executables; proper memory management; and TCP/IP networking. Students will learn to install the OS, and use its command interface and graphical interface(s). Samba and networking with TCP/IP in the Linux environment will also be discussed. Lab Fee Required.

**PREREQUISITE:** COMS113 or COMS114 or COMS142

**TOPICS TO BE INCLUDED**

1. Installation of an OS, dual boot technology
2. Use of the Command Line Interface
3. Configuration of the OS
4. Configuration of X-Windows
5. Demonstration of several GUI's
6. Use of Samba for multi-platform file sharing

**COURSE COMPETENCIES/LEARNING OUTCOMES**

In a manner deemed appropriate by the instructor and approved by the department, students will be able to:

1. Explain the basics of the Linux OS. (A.A.S. in Computer Operating Systems, Program Goals 2,3,5)
2. Compare the Linux OS with other current OS. (A.A.S. in Computer Operating Systems, Program Goal 2)
3. Demonstrate the ability to install the Linux OS, solve installation problems, and use the command and graphical interface(s). (A.A.S. in Computer Operating Systems, Program Goal 2)

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