

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

COURSE NUMBER: COMP 202

COURSE TITLE: Network Administration III

SEMESTER CREDIT HOURS: 5

DEPARTMENT: Computer Science

DIVISION: General Education

PREREQUISITE: COMP 201 Network Administration II

COURSE DESCRIPTION:

hyperV and **Server** 2008

This course shows users how to install and configure HyperV software, as well as how to install and configure Active Directory. The course covers how to install and manage print services, how to handle TCP/IP addresses, and multiple server connections on a virtual server

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. The student will be able to explain the different what versions of Windows 2008 contain the HyperV

- Explain the steps in determining what versions have HyperV and how to activate it.
- Explain what the physical specification are needed to run Hyper V

2. The student will be learn how to install server 2008 with HyperV

- Explain how to setup the server for HyperV
- Explain how to assign group polices with HyperV
- Explain how to share folders and change file attributes inside of HyperV

3. The student will be able to explain the procedures to install printers and set the server configurations for HyperV

- To design and setup printers to share on the network by using HyperV and multiple network interfaces
- Explain how to use the HyperV in Windows 8

4. The student will be able to set system monitoring services

- Configure HyperV for monitoring performance
- Explain how to setup a tape schedule system to back up multiple servers
- Explain how to create a DRP for HyperV

5. The student will be able to set up Active Directory services and develop a security auditing service in different virtual drivers

- Explain how to test HyperV for security.
- Explain how to install HyperV security software
- Explain how to setup a maintenance schedule for HyperV