

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: CTEC 172

Credit Hours: 3-3-0

Course Title: Linux Server

Course Prerequisites: CTEC 155 or CTEC 112

Textbook(s): none

Software: This course will use VMWare Player and two versions of Linux; a desktop version and a server version. All are available free from internet sources.

Course Description: Topics in Linux, including the Linux file system, directories, utilities, the shell and command line operations, the kernel, and applications of Linux to network Security. Students will implement and use Linux to build and maintain an operating system.

Learning Outcomes:

At the end of this course, the student will:

- A. install a Linux desktop operating system;
- B. install a Linux server operating system; and
- C. configure and install software on Linux systems

At the end of this course, the student will or will be able to:

(The letter designations at the end of each statement refer to the learning outcome(s).)

1. install Linux Desktop into a virtual machine or on a computer (A,B,C);
2. explore the different Linux software repositories (C);
3. setup Networking on a Desktop and Server systems (A,B,C);
4. setup printing on a Linux Desktop system (C);
5. setup Open Office (C); and
6. explore the Linux file system (A,B).

Course Requirements:

1. A student must successfully complete the course with an average of 70% or above on the combined learning outcomes.
2. Each student is expected to attend classes regularly; excessive unexcused absences constitute grounds for suspension (refer to the student handbook for attendance policies).

Course Grading Scale:

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

Attendance Policy: The college attendance policy is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>

Course Fees: This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, software licenses, certification exams, and/or clinical fees.

Nondiscrimination Statement: Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

Angie Cao, Student and Disability Services Specialist

Disability Services, F-254

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Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

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Bossier City, LA 71111

Phone: 318-678-6056

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