# 8/15/2020

# brcc keystone logo

Baton Rouge Community College

*Academic Affairs Master Syllabus*

Date Approved: 2 September 2020

Term and Year of Implementation: Fall 2020

**Course Title:** Desktop/Server and Networking Support

**BRCC Course Rubric:** CNET 2403

**Previous Course Rubric**: CNET 240

**Lecture Hours per week-Lab Hours per week-Credit Hours**: 3-0-3

**Per semester: Lecture Hours-Lab Hours-Instructional Contact Hours**: 45-0-45

**Louisiana Common Course Number:**

**CIP Code:** 11.0901

**Course Description:** Provides an introduction in the installation, configuration, maintenance, and diagnostics of workstations and servers. Includes general skills and knowledge for performing hardware and software upgrades and utilities for system backup and recovery.

**Prerequisites:**  CNET 1733 (or CNET 173) and CNET 2103 (or CNET 210)

**Co-requisites:** None

**Suggested Enrollment Cap:** 25

**Learning Outcomes.** *Upon successful completion of this course, the students will be able to:*

1. Describe and identify the various components of a personal computer network and their purpose.

2. Describe and identify the functions and interactions of various subsystems within a PC.

3. Troubleshoot common PC problems.

4. Troubleshoot common client-server problems.

5. Install, replace, and upgrade PC hardware components.

6. Diagnose and correct common software issues.

7. Troubleshoot common Network problems.

**Assessment Measures.** Assessment of all learning outcomes will be measured using the following methods:

1. Homework

2. Individual/group projects

3. Instructor-prepared exams

4. Assessment tools will be generated using case study projects.

**Information to be included on the Instructor’s Course Syllabi:**

* ***Disability Statement*:** Baton Rouge Community College seeks to meet the needs of its students in many ways. See the Office of Disability Services to receive suggestions for disability statements that should be included in each syllabus.
* ***Grading:*** The College grading policy should be included in the course syllabus. Any special practices should also go here. This should include the instructor’s and/or the department’s policy for make-up work. For example in a speech course, “Speeches not given on due date will receive no grade higher than a sixty” or “Make-up work will not be accepted after the last day of class”.
* ***Attendance Policy*:** Include the overall attendance policy of the college. Instructors may want to add additional information in individual syllabi to meet the needs of their courses.
* ***General Policies*:** Instructors’ policy on the use of things such as beepers and cell phones and/or hand held programmable calculators should be covered in this section.
* ***Cheating and Plagiarism*:** This must be included in all syllabi and should include the penalties for incidents in a given class. Students should have a clear idea of what constitutes cheating in a given course.
* ***Safety Concerns:*** In some courses, this may be a major issue. For example, “No student will be allowed in the lab without safety glasses”. General statements such as, “Items that may be harmful to one’s self or others should not be brought to class”.
* ***Library/ Learning Resources:*** Since the development of the total person is part of our mission, assignments in the library and/or the Learning Resources Center should be included to assist students in enhancing skills and in using resources. Students should be encouraged to use the library for reading enjoyment as part of lifelong learning.

**Expanded Course Outline:**

I. PC/Server Components

II. Diagnose and correct common software/hardware issues

III. Network Components and Types

IV. Install, replace, and upgrade PC hardware components

V. Identify common PC problems

VI. Identify common Network problems

VII. Troubleshooting Network Problems