

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: CTEC 262

Credit Hours: 3-3-0

Course Title: Introduction to Cloud Computing

Course Prerequisites: None

Textbook: CompTIA Cloud Essentials+ Certification Study Guide, Second Edition (Exam CLO-002); Daniel Lachance; 2nd Edition; ISBN: 9781260461787

Course Description: This course introduces students to an overview of cloud computing. The course addresses cloud computing from a business perspective and from a technical perspective. Exam tips and practice questions will be provided to prepare for the CompTIA Cloud Essentials certification.

Learning Outcomes:

At the end of this course, the student will:

- A. discuss the characteristics of cloud computing;
- B. describe the business view of cloud computing;
- C. compare cloud types;
- D. explain adoption of cloud computing;
- E. describe changes to an organization's IT service management with the adoption of cloud computing; and
- F. discuss risks and challenges of cloud computing.

To achieve the learning outcomes, the student will or will be able to:

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

1. define cloud terms; (A)
2. discuss advantages and disadvantages of cloud computing; (A)
3. compare cloud computing to outsourcing; (B)
4. define added business value of cloud computing; (B)
5. describe deployment considerations in cloud computing; (C)
6. compare private clouds, public clouds, and hybrid clouds; (C)
7. identify vendor characteristics for cloud computing; (D)
8. discuss migrating applications in cloud computing; (D)
9. outline the impact of cloud computing on an organization's IT department; and (E)
10. explain risks involved with cloud computing. (F)

Course Requirements:

- To pass the course, student must achieve a course average of 70% or above.
- Students must have access to a computer (not mobile device), Microsoft Office 216 or 365, and the Internet to complete the assignments. Computer, software, and the Internet are available to students on campus during scheduled computer lab times and in the Learning Commons located in the BPCC Library.

Revised: 4/5/2023

- Students are required to use BPCC's LMS and are encouraged to use the BPCC Library to research topics and employment opportunities.

Course Grading Scale:

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

Attendance Policy:

Each student is expected to attend class regularly; excessive unexcused absences constitute grounds for suspension. Refer to the student handbook for [Attendance Policy](#).

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.

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Coordinator for SECTION 504 AND ADA

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Equity/Compliance Coordinator

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