

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:

1. Achieve a course average of 70% or above.
2. Each student is expected to attend classes regularly; excessive unexcused absences constitute grounds for suspension (refer to the student handbook for attendance policies).
3. Students must have access to a Windows computer, Microsoft Office 2016 or 365, and the Internet to complete assignments. Computer, software and the Internet are available

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to students on campus during scheduled computer lab times and in the Learning Commons located in the BPCC Library.

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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Phone: 318-678-6511

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Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

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