

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: CTEC 224

Credit Hours: 3-3-0

Course Title: Information System Security II

Course Prerequisites: CTEC 155

Textbook(s): Harris, Shon & Fernando Maymi. CISSP All-in-One Exam Guide, 8th edition. McGraw-Hill, 2018. ISBN: 978-1260142655.

Note: This course is part of a two semester curriculum. The above text will also be used in CTEC 220.

Course Description: This course is the second of a two semester curriculum that provides a comprehensive overview of all of the aspects of information system security related to the (ISC)² CISSP certification. This course primarily focuses on the business and physical aspects of information system security and covers Chapters 1, 2, 3, and 7 of the textbook.

Learning Outcomes:

At the end of this course, the student will:

- A. describe information security and risk management principles;
- B. describe security models and data cryptography techniques;
- C. identify incident management and investigation techniques in information system security;
- D. explain operations security concepts and techniques; and
- E. describe physical security technologies.

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.)

1. identify information security principles; (A)
2. perform risk management; (A)
3. practice data cryptography techniques; (B)
4. apply disaster recovery planning; (C)
5. practice incident investigation techniques; (C)
6. practice operations security concepts and techniques (D); and
7. apply physical security technologies (E).

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, 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.

- 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.

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

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6511

Email: acao@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

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

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.