

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, 8<sup>th</sup> 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)<sup>2</sup> 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:**

- 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 class 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**

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