**COLLIN COLLEGE**

**COURSE SYLLABUS**

Course Information

**Course Number**: ITSY 2572

**Course Title:** Certified Information Systems Security Professional (CISSP) Common Body Of Knowledge Domain Instruction

**Course Description:** An in-depth study of the 10 domains which make up the Common Body of Knowledge (CBK) of information security professionals. The course is designed to instruct individuals to implement solid security practices, perform risk analysis, identify necessary countermeasures, and help the enterprise as a whole protect its facility, network, systems, and information.

**Course Credit Hours:** 5

Lecture Hours: 5

**Prerequisites:**  ITSY 1300 and ITSY 2300, or equivalent experience and consent of the Associate Dean.

**Student Learning Outcomes:** The student will become proficient in the ten Common Body of Knowledge (CBK) domains. The CBK domains are:

1. Information and Risk Management. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
2. Access Controls. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
3. Security Architecture and Design. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
4. Telecommunications and Network Security. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
5. Cryptography. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
6. Business Continuity and Disaster Recovery. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
7. Legal, Regulations, Compliance and Investigations. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
8. Applications Security. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
9. Operations Security. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)
10. Physical and Environmental Security. (SCANS: F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,F13, F14,F15,F16,C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20)

The CBK is the collection and organization of internationally recognized security material relevant for information system security professionals.

**Secretary’s Commission on the Acquisition of Necessary Skills (SCANS) -** SCANS skills are a group of foundational skills and workplace competencies that the Secretary’s Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin’s workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at: <http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf>

**Withdrawal Policy:** See the current *Collin Registration Guide* for last day to withdraw.

**Collin College Academic Policies:** See the current *Collin Student Handbook.*

**Americans with Disabilities Act Statement:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

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