CompTIA Security+ Preparation  
(CCT-S10-HYA)

**Course Description:**  
CompTIA Security+ Preparation is a comprehensive security course with over 60 lab simulations. The course will provide students with the knowledge and the experience needed to enter the industry as an entry-level IT security administrators. CompTIA Security+ builds on the experience students have gained from the CompTIA Network+ course, or related field experience.

The CompTIA Security+ course was designed around the layered security framework concept. From setting up perimeter defenses right down to protecting user data, students will learn how to implement the proper security measure at each layer to protect users and networks from threats. This course meets the specifications and prepares students for three industry certification programs:

- TestOut Security Pro Certification Exam
- CompTIA Security+ (SY0-301) Exam

**Professional IT Certification Exams:**

**TestOut Security Pro Certification:** An industry certification which measures both knowledge and job performance skills. The comprehensive Security Pro Certification will prove students have the knowledge, skills and experience to enter the industry as an entry-level IT security administrator.

**CompTIA Security+ (SY0-301) Certification Exam:** The Security+ exam covers the most important foundational principles for securing a network and managing risk. Access control, identity management and cryptography are important topics on the exam, as well as selection of appropriate mitigation and deterrent techniques to address network attacks and vulnerabilities. Security concerns associated with cloud computing, BYOD and SCADA are addressed in the SY0-301 exam.

**Course Delivery Format:**

The CompTIA Security+ is a hybrid course (online-with limited campus sessions) in which course lectures, demonstrations, quizzes, and labs are delivered online. Two on campus sessions are required, held at Kennebec Valley Community College.

- Orientation Session: 2 Hour Session
- Exam Session: 2 Hour Proctored Security Pro Certification Exam

**Note:** Students may register for the course up to two weeks after the orientation date. Cost is $305.00 and includes the course material, course software, TestOut Security Pro Exam and KVCC Instructor support. Discount vouchers for the CompTIA Security+ Certification exam will be made available for student purchase.

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