

## CONTINUING EDUCATION

### COURSE OUTLINE – CompTIA Security+® Exam Prep Course

**INSTRUCTOR:** N/A

**PHONE:** 780-539-2975

**OFFICE:** M105

**E-MAIL:** ce@gprc.ab.ca

**PREREQUISITE(S):** None

**REQUIRED TEXT/RESOURCE MATERIALS:**

Course materials are included.

**CALENDAR DESCRIPTION:**

The CompTIA Security+® Exam Prep Course prepares test-takers for the Security+ exam, as administered by CompTIA. The CompTIA certification is recognized worldwide and adheres to the strict standards of ISO/IEC 17024. The course contains a variety of content presentation methods to help teach the concepts and vocabulary, and ultimately, learners are given ample opportunity to assess their skills with a multiple choice practice exam.

**CONTACT HOURS:** 30 hours

**CEUs:** 3

**DELIVERY MODE:** Online self-paced

**TRANSFERABILITY:** N/A

**GRADING CRITERIA:** N/A

**EVALUATIONS:** Learners must achieve an average test score of at least 70% to meet the minimum successful completion requirement and qualify to receive IACET CEUs.

**STUDENT RESPONSIBILITIES:** Completion of any practice lessons, quizzes, assignments, or tests.

**COURSE SCHEDULE/TENTATIVE TIMELINE:**

Dates vary (refer to website for current availability).

## **LEARNING OUTCOMES:**

Upon successful completion of this course, learners will be able to:

- Compare and contrast various types of cyberattacks
- Describe the installation and configuration of network devices
- Implement secure network concepts
- Evaluate secure cloud, virtualization, and embedded systems concepts
- Install and configure identity and access services
- Compare various access control models
- Explain risk management concepts
- Explain incident response procedures
- Evaluate disaster recovery and digital forensics concepts
- Compare and contrast the characteristics of different cryptography algorithms and public key infrastructure (PKI)