

LAP CE Comp TIA

LAP 8011 COMPTIA Advanced Security Practitioner (1-2) **2 crs.**

Provides in-depth study of advanced security concepts, principles, and implementations that pertain to enterprise-level security. Explores enterprise security architecture and technologies, risk management, research analysis, and integration of computing, communications and business disciplines. This course is intended for an IT professional with 5 to 10 years experience in an IT environment and with the skills required to conceptualize, design and engineer secure solutions across complex enterprise environments. Recommended Preparation: LAP8008, LAP8002 and LAP8010. CompTIA A+, Network+ and Security+ certification or equivalent experience.

LAP 8020 COMPTIA A+ Technician (1.5-2) **2.5 crs.**

Provides hands-on training in PC installation, building, upgrading, repairing, configuring and troubleshooting. Prepares students for A+ certification exams which can lead to a career in PC repair, help desk support or studies in advanced technologies.

LAP 8021 COMPTIA Network+ (2.5-1) **3 crs.**

Teaches planning, installation, and troubleshooting of networks in a business environment. Includes the OSI model, network card configurations, diagnosing network problems, and hands-on practice setting up a network environment. Must have A+ certification or equivalent prior to enrollment.

LAP 8022 COMPTIA Security+ (2-1) **2.5 crs.**

Provides vendor-neutral instruction on systems security, network infrastructure, access control, risk mitigation, cryptography, and organizational security. Covers workstation and server security, network vulnerabilities, risk assessments, monitoring tools, network security tools, authentication, rights and privileges, encryption, and disaster recovery. Helps prepare for the CompTIA Security+ certification.

LAP 8023 COMPTIA Cybersecurity Analyst+ (1-2) **2 crs.**

Covers the duties of those who are responsible for monitoring and detecting security incidents in information systems and networks, and for executing a proper response to such incidents. Introduces tools and tactics to manage cybersecurity risks, while promoting a comprehensive approach to security on the front lines of defense. Learn how to identify various types of common threats, evaluate an organization's security, collect and analyze cybersecurity intelligence, and handle incidents as they occur. This course prepares students for the CompTIA Cybersecurity Analyst+ (Exam CS0-001) and fulfills DoD directive 8570.01 for information assurance (IA) training.

Prerequisite: Recommended CompTIA Security+ or equivalent experience.

LAP 8025 COMPTIA Linux+ (1-1) **1.5 crs.**

Teaches students how to administer a Linux environment and prepares for two CompTIA Linux+ certification exams. Reviews the basic system architecture, installation and management; understand commands, devices and file systems; utilize shells, scripting and data management techniques; and navigate user interfaces, desktops and essential system services.

Recommended: CompTIA A+ certification or equivalent experience.

LAP 8051 IT Fundamentals (0.5-1) **1 cr.**

Teaches how to identify and explain basic computer components. Explains how to set up a basic workstation. Conducts basic software installations. Establishes basic network connectivity. Identifies compatibility issues and identifies/prevents basic security risks. Helps students prepare for CompTIA's IT Fundamentals certification exam.