

LAP CPE Comp TIA

LAP 0005 COMPTIA Server+ (1-2) 2 crs.

Builds on existing knowledge and skills in computer hardware support to administer network servers learn how to troubleshoot, install and maintain server hardware and software. Covers server architecture, administration, storage, security, networking, troubleshooting, and disaster recovery. Prepares for certification exam SKO-004.

Recommended: Familiarity with Networking concepts. CompTIA A+ certification or equivalent experience.

LAP 0006 COMPTIA Pentest+ (2-1) 2 crs.

Clarifies how to develop penetration testing skills that will enable the IT professional to identify information systems vulnerabilities by effectively applying remediation techniques for those vulnerabilities. Teaches how to offer recommendations for action to properly protect information systems and their contents. Prepares for CompTIA PenTest+ certification exam.

Recommended: Intermediate knowledge of information security concepts, including but not limited to identity and access management (IAM), cryptographic concepts and implementations, computer networking concepts and implementations, and common security. Practical experience in accruing various computing environments, including small to medium businesses, as well as enterprise environments.

LAP 8019 COMPTIA It Fundamentals+ (1-2) 2 crs.

Gains the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development and database use. Learns to install software, establish basic network connectivity, and identify/prevent basic security risks. Obtains knowledge in the areas of troubleshooting theory and preventative maintenance of devices. Learns some of the basic principles and techniques of providing PC, mobile, applications, and network support. Prepares the student for the ITF+ certification exam.

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+ (1-2) 2 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 8028 COMPTIA Cloud+ (1-2) 2 crs.

Learns how to build cloud sysadmin (systems administrator) skill set to confidently perform duties in any cloud administrator role. Explores upkeep, configuration, and reliable operation of computer systems, especially multi-user computers, such as servers. Prepares students to sit for the CompTIA Cloud+ certification exam.