

Computer Information Systems

Security Pro

CompTIA Security+



TestOut
PRO CERTIFICATIONS



Course Overview

Security Pro will certify that you have the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations.



Learning Objectives

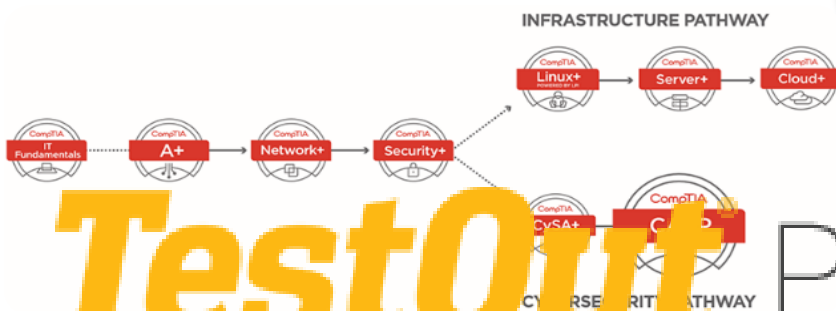
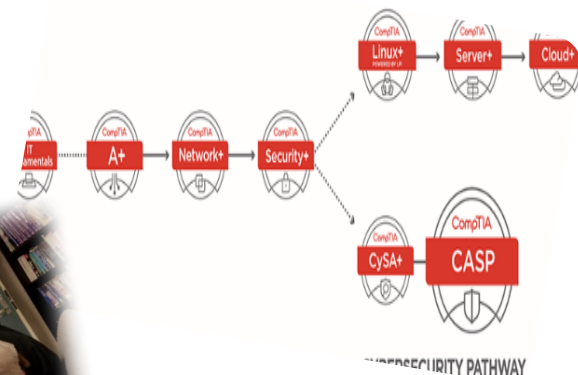
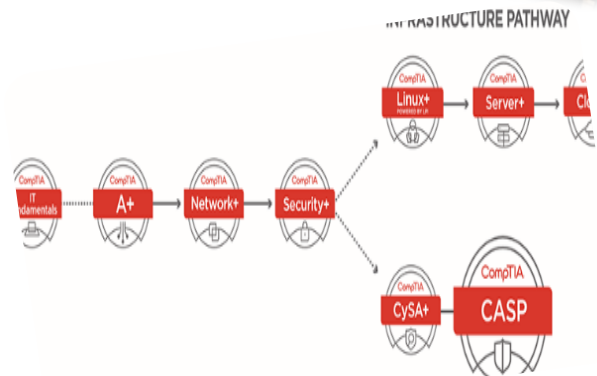
- Scan for Linux vulnerabilities
- Crack passwords with Rainbow Tables and John the Ripper
- Analyze SYN Flood Attacks
- Configure BitLocker with TPM

Student Experience

- Able to identify of risks, providing infrastructure, application, information and operational security, applying security controls to maintain confidentiality, integrity and availability, identifying appropriate technologies and products and troubleshooting security events and incidents

Course Details

- 9 Units
- 82 Lab Simulations
- 8 Hands-on labs
- Other course materials and projects
- Security Pro Certification Exam
- Earn three (3) college credits



Teacher: **Michael Eno, M.Ed.**

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TestOut

Pro Certified

Students will complete 9 unit exams and pass the **Security Pro** certification based on the CompTIA IT Security+ SY0-601 learning objectives. Other course materials, hands-on labs, and projects are used in addition to TestOut courseware. Total time **120** hours.

TestOut Security Pro Exam Learning Objectives

Upon completion of this course, students will be able to:

- Detect various types of compromise and have an understanding of penetration testing and vulnerability scanning concepts
- Implement secure network architecture concepts and systems design
- Install, configure, and deploy network components while assessing and troubleshooting issues to support organizational security
- Install and configure identity and access services, as well as management controls
- Implement and summarize risk management best practices and the business impact
- Install and configure wired infrastructure.

