

Information Assurance Security+ Lab Series

DISCLAIMER: The following is a suggested order of labs that start with basic Security+ concepts and move toward more advanced concepts with the difficulty of each lab increasing. The ideas presented within this suggested order will help the student to complete current labs by building on the teachings presented in previously completed labs. Again, this order is only a suggestion. Students can complete the labs in numerical order, but the difficulty level will be varying.

Suggested Order of Labs

1. **Lab 14:** Importance of Data Security - Securing Data Using Encryption Software
2. **Lab 15:** Authentication, Authorization, and Access Control
3. **Lab 16:** General Cryptography Concepts
4. **Lab 5:** Secure Implementation of Wireless Networking
5. **Lab 3:** Protocols and Default Network Ports - Transferring Data Using TCP/IP
6. **Lab 4:** Protocols and Default Network Ports - Connecting to a Remote System
7. **Lab 8:** Analyze and Differentiate Types of Attacks Using Windows Commands
8. **Lab 7:** Analyze and Differentiate Types of Malware
9. **Lab 12:** Discovering Security Threats and Vulnerabilities
10. **Lab 9:** Analyze and Differentiate Types of Application Attacks
11. **Lab 6:** Incident Response Procedures
12. **Lab 11:** Mitigation and Deterrent Techniques - Password Cracking
13. **Lab 10:** Mitigation and Deterrent Techniques - Anti-Forensics
14. **Lab 13:** Importance of Data Security - Data Theft
15. **Lab 2:** Secure Network Administration Principles - Log Analysis
16. **Lab 1:** Network Devices and Technologies - Capturing Network Traffic