

Overview

This is a five day Cyber Defensive Course aimed at all IT Professionals. This is designed to up skill yourself or your Staff and keep up to date with latest security trends. This course can be tailored to your needs. You tell us how many of the scenarios you wish to practice.

This course will give you access to our state of the art Cyber Range and allow you to experience firsthand a real life Cyber Event.

How does it work?

The Cyber Training Range simulates networks, traffic and threats over virtual machines, and can feature additional appliances and hardware to accurately represent company networks. The simulated network is injected with traffic, simulating typical activity such as user emails, web-surfing, and server communications. In addition, real-life attack scenarios are injected into the network, using the predefined attack scenario library as well as custom-built scenarios.

The session is recorded and documented on a timeline, to be replayed and reviewed in a debriefing session. Trainees' skills and capabilities are evaluated for further reference and training. Every session can be rolled-back and repeated.

Cyber Training Range supports both individual and team training.

Date	Capacity (Attendees)
29 Oct 2018 – 02 Nov 2018	6
14 Jan 2019 – 18 Jan 2019	6
21 Jan 2019 – 25 Jan 2019	6
04 Feb 2019 – 08 Feb 2019	6
18 Feb 2019 – 22 Feb 2019	Booked
25 Feb 2019 -01 Mar 2019	6
04 Mar 2019 – 08 Mar 2019	6
18 Mar 2019 – 22 Mar 2019	6
01 Apr 2019 – 05 Apr 2019	6
29 Apr 2019 – 03 May 2019	6
13 May 2019 – 17 May 2019	6

**Please contact us if you would like to arrange training for your organisation on your premises*

Cyber Range Scenarios Include;

- SQL Injection
- Apache Shutdown
- Web Defacement
- Trojan Data Leakage
- Java NMS Kill
- Java Sendmail
- DB Dump via FTP
- Trojan Share Privilege Escalation
- WMI Worm
- Killer Trojan
- Ransomware
- DDoS SYN Flood
- DDoS DNS Amplification
- SCADA HMI
- SCADA VPN
- SCADA Field to Field

This course will keep I.T Security Professionals current with latest threats and provide the ability to experience a Cyber attack in a controlled environment.

Prerequisites

- Windows System Admin
- Linux system admin
- Network protocols
- Database solutions
- SIEM
- NMS Tools
- Authentication protocol concepts
- Information security

Price: 5 days \$3850 AUD ex GST

- Morning tea and Lunch provided
- Access to State of the Art Cyber Range
- Course Material
- Australia Computer Society Credits

Points of Contact:

Email - Cybertraining@elbitsystems-au.com

Website – <http://www.elbitsystems-au.com>

Phone – (03) 8644 1600

Other Options;

Training can be tailored to suit and if you would like to discuss other options for the delivery of training, please contact us on the details above.

Introduction to Cyber Security

Overview

This is a five day foundation level course aimed at IT Staff and those wanting to learn more about Cyber Security. This course will introduce you to our state of the art Cyber Range and allow you to experience firsthand a real life Cyber Event.

This course will also allow you to explore the terminology associated with Cyber Security, as well as understand about how attacks can affect a wide variety of systems like Industrial Systems and Internet Of Things Devices.

How does it work?

The Cyber Training Range simulates networks, traffic and threats over virtual machines, and can feature additional appliances and hardware to accurately represent company networks. The simulated network is injected with traffic, simulating typical activity such as user emails, web-surfing, and server communications. In addition, real-life attack scenarios are injected into the network, using the predefined attack scenario library as well as custom-built scenarios.

Cyber Training Range supports both individual and team training.

Dates available for nomination are on the front page and our website.

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Topics

- Introduction to Cyber Security
- Common attacks and vulnerabilities
- Mitigation strategies and policy
- Basic cryptography
- Information and Network Security
- OT and Industrial Systems
- Understanding a Cyber Range
- Introduction to Cyber tools
- Cyber Range Scenarios

This training will provide attendees the foundation level knowledge to help deal with Cyber-attacks and an understanding of how to mitigate them.

Outcomes

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

- Complete a real life cyber attack scenario and
- Investigate Malware and Reverse Engineer
- Describe common threats and vulnerabilities
- Explain common security tools, as well as manage Security and Information Event Monitoring tools. (SIEM)
- Utilise cryptographic techniques to disguise information
- Understand key vulnerabilities in both Information and Network Security
- Explain IT/OT/IOT technologies

Prerequisites

- Windows System Admin
- Network protocols
- Database solutions

Price: 5 days \$3850 AUD ex GST

- Morning tea and Lunch provided
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