ICS & IIoT Security Boot Camp

a **Cyber-Sheriff** training course from EDUTECH

"Take control of your control systems"

"Targeted attacks on Industrial Control Systems (ICS) are the biggest threat to critical national infrastructure." Source: Kaspersky Lab

The opportunities offered by the Industrial Internet of Things (IIoT) and increased connectivity of ICS leads to organizations also encountering increasing cyber security threats and ever-changing regulatory requirements. The risks of financial losses, business interruptions and reputational damage increase accordingly. Being in control of the security of your ICS is an absolute necessity, if your organization is to survive and thrive. Having skilled staff, who are aware and trained in applying the right security controls to your ICS environments is a vital step in managing those risks.

COURSE OBJECTIVES

- To provide an introduction to the importance of security for IIoT, ICS & critical infrastructure
- Provide a comparative analysis of IT & ICS architectures, security threats, vulnerabilities, and mitigation strategies
- Equip students with the skills to protect ICS using offensive & defensive methods

WHO SHOULD ATTEND

- IT & ICS security practitioners
- Field support personnel
- Security operations & incident response
- Compliance staff & auditors

COURSE BENEFITS

- Understand & appreciate the importance of IIoT, ICS & critical infrastructure security
- Be equipped take a full & active role in helping organizations to secure ICS environments
- **Malaysia HRDF-claimable.**

HRDF CLAIMABLE

HRDF Approved Training Provider

COURSE OUTLINE

Day 1

1. Different ICS deployments
2. Influence of IT in ICS
3. Common ICS components

Day 2

4. Cyber security within IT & ICS
5. Cyber security risk
6. Current trends (threats & vulnerabilities)

Day 3

7. Determining impact of ICS cyber security incidents
8. Attack methodologies in IT & ICS
9. Mapping IT defence-in-depth security solutions to ICS

For additional information, please contact us at:
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ISO 27001 | CISSP Certified Information Systems Security Professional | CISM | CISA Certified Information Systems Auditor | CRISC Certified in Risk and Information Systems Control | GICSP