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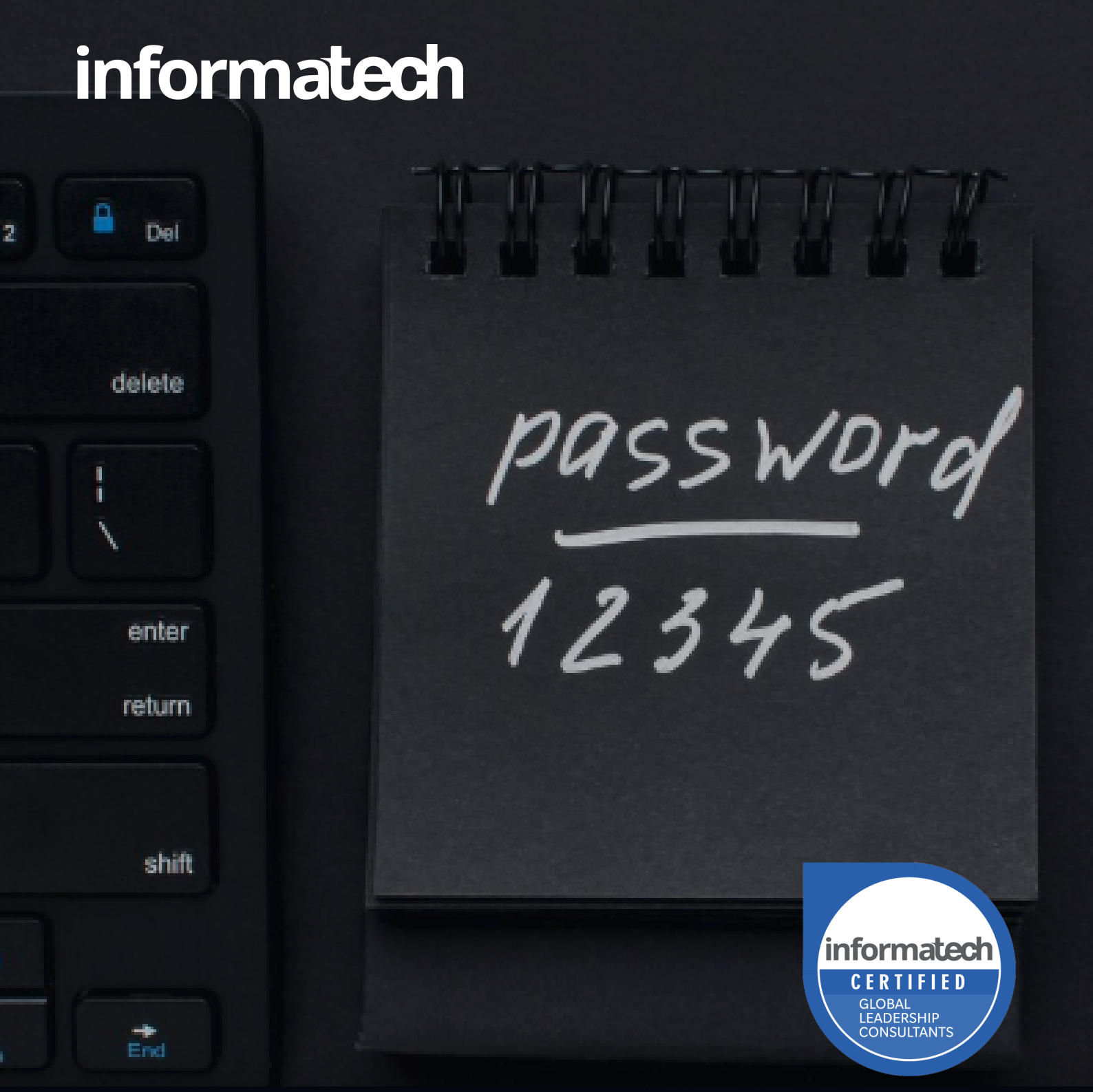

IT MANAGEMENT AND CYBER SECURITY | COURSE

Industrial Cyber Security

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Course content

Why Attend

Course Introduction

Cyber attacks pose a global threat impacting individuals, businesses, and nations alike. Safeguarding your organization from these threats requires not only the ability to protect your technology but also to effectively identify, analyze, respond to, and investigate cyber incidents. The consequences of an information security breach, such as the notorious attack on the Ukraine power station, can be catastrophic, undermining operational technology controls and exposing critical vulnerabilities.

As cyber attacks increase in frequency and sophistication, understanding the nature, motives, and methods of cyber threat actors becomes crucial.

Implementing best practices, utilizing appropriate countermeasures, and applying effective management techniques are essential for mitigating these risks and protecting your assets.

With cyber security emerging as a core responsibility, leaders—including boards of directors, corporate officers, chief engineers, and frontline employees—must recognize the personal and organizational implications of cyber breaches and integrate robust security measures into their strategies.

This Industrial Cyber Security training course will help you understand Information Security, and how this is deployed in an Operational Technology Environment.

This training course will feature:

• An understanding of Cyber Security issues

• Approaches to Cyber Security within an Operational Technology environment.

• An introduction to Cyber Security Frameworks

• Current Best Practices for Cyber Security Response

• Approaching Cyber Security Response Plans

Course Objectives

By the end of this training course, the participants will be able to:

• Understand Information Security, and how this is deployed in an Operational Technology Environment

Course content

Course Objectives

• Understand a range of Cyber threats and assess a security posture within an Operational Technology environment

• Appreciate the leading legislation, International Standards and Governance models for Cyber Security and current best practice

• Understand the approaches for Crisis and Incident Management for Cyber Security Breaches

Who should Attend?

This training course is suitable to a wide range of professionals but will greatly benefit:

• Legal Professionals

• System Engineers

• Security Administration

• Operational Staff

• Those whom have involvement with and responsibility for operational technology, information technology, & risk assessment

Course outline

Day One: What is Cyber Security?

• Overview of Cyber Security for Industries

• Cyber Crime and Attacks

• Technology, Policing, and Investigation of Electronic Crime

• Ethical Hacking and Cyber Crime

• Civil and Criminal Considerations

Day Two: Assessing Your Cyber Security Posture

Course content

Course outline

- Cyber Security and Risk Assessment
- Information Security and Standards
- ISO7799 – Information Security Management – Code of Practice
- ISA99 – International Standards for Automation Cyber Security Standard
- Reducing Your Security Risk and Increasing Your Security Capabilities

Day Three: Cyber Security and Industrial Control Systems Management

- Information Security and Operational Technology
- Emerging Industrial Technology Trends
- Metcaf's Law
- Moore's Law
- Mirrors World

Day Four: Cyber Security Controls

- Selecting Security Controls and Best Practice
- Considerations for Enhancing Security
- Detection, Prevention and Offensive Responses
- Securing and Assessing OPERATIONAL TECHNOLOGY Environments (OTE)
- OTE User Management, System Integrity, Data Confidentiality & Restricted Data Flow

Day Five: Building a Cyber Response Plan

- Defining a Cyber Response Strategy
- Composing Cyber Response Plan
- Cyber Response Team Compilation and Service Vendor Support

Course content

Course outline

- Cyber Preparedness and Corporate Governance
- Operational Security Centers

Seminar dates

Available seminar dates

Live dates and pricing for Industrial Cyber Security generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Barcelona - Spain	Classroom	**€3,080.-**
14 - 18 December 2026	Rome - Italy	Classroom	**€3,400.-**
16 - 20 November 2026	Istanbul - Turkey	Classroom	**€2,280.-**
7 - 11 December 2026	Vienna - Austria	Classroom	**€3,400.-**
18 - 22 January 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
15 - 19 February 2027	Istanbul - Turkey	Classroom	**€2,280.-**
15 - 19 March 2027	Rome - Italy	Classroom	**€3,400.-**
19 - 23 April 2027	Istanbul - Turkey	Classroom	**€2,280.-**
17 - 21 May 2027	Vienna - Austria	Classroom	**€3,400.-**
21 - 25 June 2027	Barcelona - Spain	Classroom	**€3,080.-**
19 - 23 July 2027	Rome - Italy	Classroom	**€3,400.-**
16 - 20 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
20 - 24 September 2027	Rome - Italy	Classroom	**€3,400.-**
18 - 22 October 2027	Cape Town - South Africa	Classroom	**€2,272.-**
15 - 19 November 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
20 - 24 December 2027	Geneva - Switzerland	Classroom	**€4,200.-**