CertX AG
Route de l'Ancienne Papeterie 460
1723 Marly, Switzerland

Cyber Security Red Belt Training (CSRB) - **IEC62443**

Program

Day 1 - IACS Cyber Security and lifecycle

- General Cyber Security Awareness
- General Best security practices
- IEC 62443 and relation to other standards
- IEC 62443 scope, structure and content
- IEC 62443 lifecyle

Day 2 - Cyber Risk Assessment & CSMS

- Overall Cyber Security Management activities
- Asset Identification and Threat Modelling
- Vulnerability identification and assessment
- High-level and detailed risk assessment
- Zones & Conduits, Security Level identification

Day 3 - Secure Design & Implementation

- Mgmt of secure design and implementation phases
- Cyber Security requirements specification
- Conceptual and detailed design
- Security Development Lifecycle (SDL)
- Secure testing

Day 4 - Secure Operations & Maintenance

- Mgmt of secure operation and maintenance phases
- System/Application monitoring, diagnostic and troubleshooting
- Operating procedures and tools
- IACS Incident-reponse processes

What you get from this training:

- Training material with exercices and examples covering the entire scope of the standard
- Recognized certificate attesting your competencies in the field of the IEC 62443 standard

Training information

- 4 days course
- 1/2 day exam (optional)
- Language: English or French
- Lunch and refreshments included

Target Audience

- Developers, testers or system engineers
- Cyber security engineers and managers
- Quality representatives
- Project managers

Your trainer

Kilian Marty

- Head of Cyber Security Department and Lead Assessor
- Member of the IEC Technical Committee TC65 covering the IEC 62443standard
- Certified as Industrial Security Specialist by ISA
- Certified as Open Source Security Tester by ISECOM
- Certified in the machinery domain for functional safety ISO 61508 standard

For more details : www.certx.com/trainings/#Cybersecurity kilian.marty@certx.com