3D EDUCATORS
Trainers & Consultants

PECB

ISO 62443 LEAD IMPLEMENTER (IACS)

Industrial Automation & Control System

Who can do?

- Individuals involved in the industrial automation and control systems
- Individuals involved in the development and implementation industrial automation and control systems
- Individuals seeking to gain knowledge about the main industrial automation and control systems
- Individuals interested to pursue a career in the field of industrial automation and control systems

100,000+ Students have been Trained

since 1997

Invest in People the only Asset that Appreciates

Program is offered by

3D EDUCATORS - INT

22 Years of Excellence in Training & Development

www.3dedudcators.com
info@3deducators.com

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Why should you attend?

Cybersecurity threats targeting IACS are increasing in sophistication, scale, and impact. The most effective defense against these risks is the systematic implementation and management of industrial cybersecurity controls and best practices. In today's environment, strong IACS security is also a core expectation of regulators, customers, and other stakeholders.

This training course is designed to prepare participants to implement and manage an IACS security program based on the ISA/IEC 62443 series of standards. It provides a comprehensive understanding of the best practices, processes, and life cycle management principles required to establish, maintain, and continually improve an organization's industrial cybersecurity posture.

After attending the training course, you can take the exam. If you successfully pass it, you can apply for the "PECB Certified ISA/IEC 62443 Lead Implementer" credential, which demonstrates your ability and practical knowledge to implement and manage an IACS security program based on the requirements of the ISA/IEC 62443 standards.

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Program Details

Inauguration

The Training Program will be inaugurated by a senior member of 3D EDUCATORS

Program Structure

No of classes	**Two Weeks**
Duration of each class	**02 Hours**

Other Learning Activities

Develop the implementation techniques of ISO guidelines in your organization	**01**
Presentations by Trainees	**01**

About the Program Instructor

ISO 62443 Lead Implementer and Auditor, PECB PIMS Registered Lead Implementer, BRC Approved Lead Implementer, The Trainers who are conducting this program have the following positions in the different organization are also accredited trainer of PECB Canada:

- ✓ Lead Auditors & Implementer
- ✓ ISO Consultants
- ✓ Master Accredited Trainers

Highly qualified and experienced trainers with huge hands-on and un-match-able experience in implementation of ISO 62443 Standards

They trainers are foreign qualified and having the degrees of PhD, MBA, M.Sc., MS. More they are also the member of ISO.

In Affiliation with

PECB CANADA

3D EDUCATORS Trainers & Consultants

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http://www.3deducators.com| http://www.3deducators.com/USA/

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Who Should Attend?

This training course is intended for:

- Managers, engineers, and consultants seeking to develop or enhance their competence in implementing IACS security programs
- Professionals responsible for or involved in IACS security activities who wish to deepen their understanding of the ISA/IEC 62443 series of standards
- Security practitioners and risk managers looking to strengthen their skills in applying industrial cybersecurity controls, assessing maturity, and managing IACS security
- Individuals pursuing a career in IACS cybersecurity who want to learn a comprehensive methodology for designing, implementing, and maintaining security programs aligned with ISA/IEC 62443

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Learning Objectives

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

- Explain the fundamental concepts and principles of an industrial automation and control systems (IACS) security program based on the ISA/IEC 62443 series of standards
- Interpret the ISA/IEC 62443 requirements, recommendations, and technical reports from the perspective of an implementer
- Manage threats by implementing security controls, assessing maturity, securing assets and supply chains, and plan patching
- Design and maintain an IACS security program aligned with ISA/IEC 62443, assess and manage risks, and define clear security roles and responsibilities
- Provide ongoing security awareness and training, monitor IACS environments for threats, conduct regular security testing, and respond swiftly to incidents

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Examination

The "PECB Certified ISO 62443 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competency domains:

Day 1: Foundations of ISA/IEC 62443 and IACS security

Day 2: Security requirements, maturity models, and threat landscape

Day 3: Establishing and managing an IACS security program

Day 4: Training, incident response, and sector-specific standards

Day 5: Certification exam

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CERTIFICATION

Upon the successful completion of the exam, you can apply for the credential shown on the table below. For more information about ISO 62433 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

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Credentials	Exam	Professional Experience	EOMMS Project Experience	Other Requirements
PECB Certified ISO 62443 Provisional Implementer	PECB Certified ISO 62443 Lead Implementer exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO 62443 Implementer	PECB Certified ISO 62443 Lead Implementer exam or equivalent	Two years: One year of work experience with educational organizations	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO 62443 Lead Implementer	PECB Certified ISO 62443 Lead Implementer Exam or equivalent	Five years: Two years of work experience with educational organizations	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified ISO 62443 Senior Lead Implementer	PECB Certified ISO 62443 Lead Implementer exam or equivalent	Ten years: Seven years of work experience with educational organizations	Project activities: a total of 1,000 hours	Signing the PECB Code of Ethics

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General information

- Certification and examination fees are included in the price of the training course
- Training material containing over 450 pages of information and practical examples will be distributed
- An attestation of course completion worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- In case of exam failure, you can retake the exam within 12 months for free

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Terms & Conditions

WITHDRAWAL FROM THE DIPLOMA/CERTIFCATION

Students are not allowed to withdraw from the Diploma. If a student cannot continue the Diploma his/her fee will be forfeited.

CONDUCT AND DISCIPLINE

A disciplinary action, leading to rustication, will be taken against students whose conduct is found objectionable at any time during the course of study. Reference will be made to 3D Educators code of conduct.

EVALUATION AND GRADING

The performance of students is evaluated through continuous observation of a student's performance in the Diploma – class participation, submission of assignments, quizzes and exercises.

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The student will be examined through three hourly exams conducted at the midterm and a final exam at the end of the program. Total marks for passing the Diploma will be 60 out of a total of 100.

Students who do not meet the attendance or any other eligibility criteria will not be allowed to appear in the final examination.

The following grading plan will be applicable for the Diploma:

A	**87 - 100**
B+	**81 -86**
B	**72 - 80**
C+	**66 - 71**
C	**60 - 65**
F	**below 60**

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Students who are unable to appear for the final exam are required to submit a written application stating the reason for not appearing for the exam. 3D Educators reserves the right to approve or deny such applications. If approved, the student will be allowed to sit for the exam within one month. Failure to do so, the student will be resubmit the examination fee and sit the future schedule exam. Without passing of the exams no certification will be awarded.

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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website http://www.3deducators.com. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

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PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

CONTACT US

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Get the Admission Form

Download Form

MANAGEMENT
3D EDUCATORS
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100,000+ Students have been Trained since 1997

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Global Recognized Certification from PECB CANADA

PECB

When Recognition Matters

IAS ACCREDITED

Professional Evaluation and Certification Board

hereby attests that

[redacted]

is awarded the title

PECB Certified ISO 31000 Risk Manager

having met all the certification requirements, including all examination requirements, professional experience and adoption of the PECB Code of Ethics

Certificate Number: RMRM1013367-2016-07
Issue Date: July 7, 2016
This certificate is valid for three years for the purpose of PECB certification

Issued by: Faton Aliu, President

SAMPLE CERTIFICATE

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