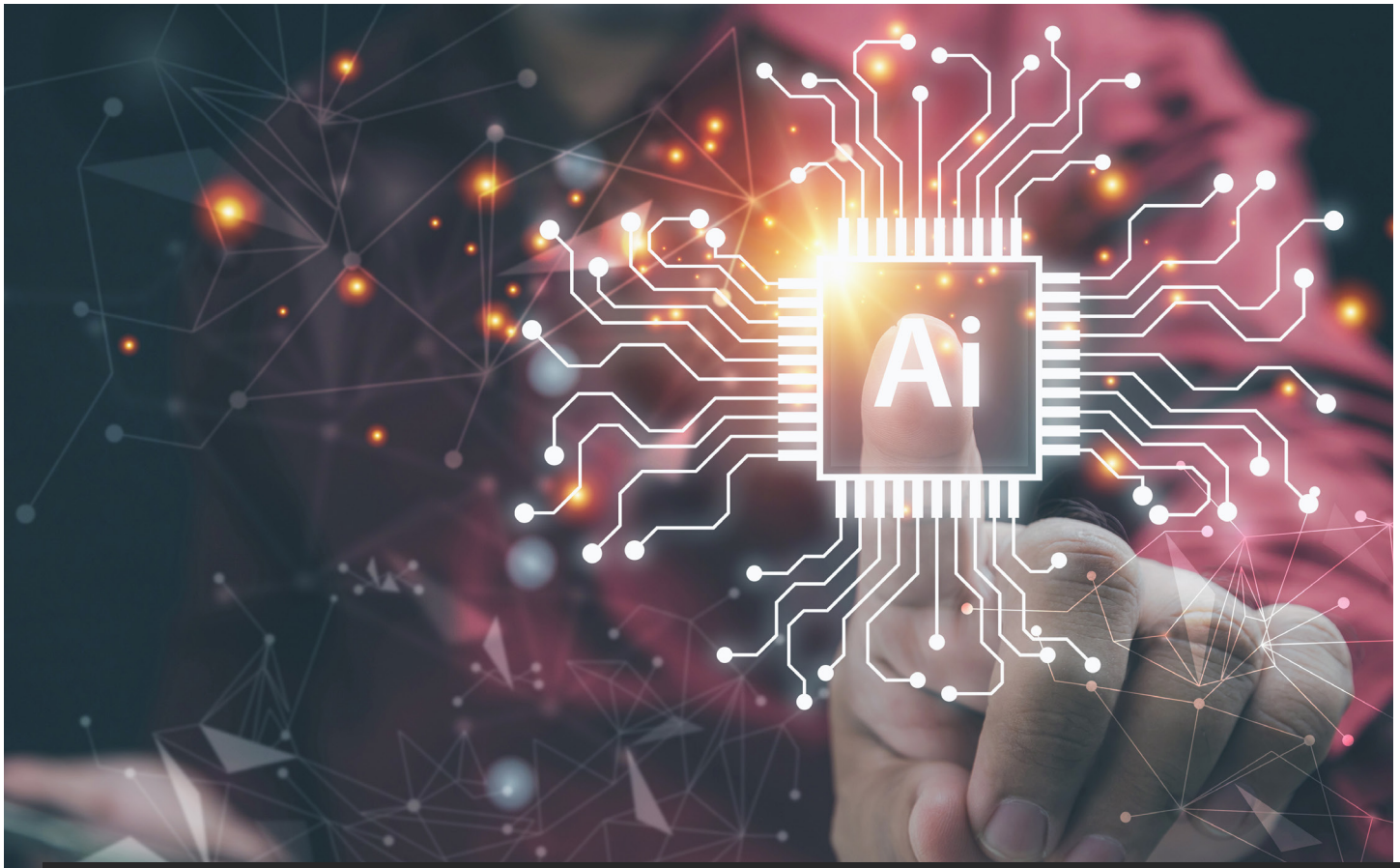
RESILIENCE
TECH CONSULTING

PECB



PECB Certified ISO/IEC 42001
Lead Implementer

Master the implementation and management of artificial intelligence management system (AIMS) based on ISO/IEC 42001

Why should you attend?

Artificial intelligence (AI) is becoming a driving force in today's technology landscape. Its application has spanned across numerous sectors. Its rapid expansion brought unique challenges and considerations that demand specific expertise to ensure its effective implementation and responsible management. The PECB ISO/IEC 42001 Lead Implementer training course is your gateway to mastering the practical implementation and responsible management of AI management system.

The PECB ISO/IEC 42001 Lead Implementer training course is designed to prepare you to implement AI management system in accordance with ISO/IEC 42001. It provides you with the necessary competencies to effectively translate AI strategies into actionable solutions. It aims to provide a comprehensive understanding of AI implementation best practices and a framework for its successful integration within organizations, equipping you with the hands-on expertise to drive AIMS implementation projects.

After successfully completing the course and passing the exam, you can apply for the "PECB Certified ISO/IEC 42001 Lead Implementer" credential that demonstrates your ability to effectively implement AI strategies.



Who should attend?

This training course is intended for:

- Professionals responsible for overseeing and managing AI projects
- Consultants advising on AI implementation strategies
- Expert advisors and specialists aiming to master the practical implementation of AIMS in accordance with ISO/IEC 42001
- Individuals tasked with ensuring that AI projects adhere to AI requirements within an organization
- Members of AIMS implementation teams involved in the implementation of AI systems
- Executives and managers seeking to make informed decisions regarding AI implementation and its alignment with ISO/IEC 42001

Training course agenda

Duration: 5 days

Day 1 | Introduction to ISO/IEC 42001 and the initiation of an AIMS implementation

- Training course objectives and structure
- Standards and regulatory frameworks
- Artificial intelligence management system (AIMS)
- Fundamental concepts and principles of artificial intelligence
- AIMS implementation approaches
- Leadership and project approval
- Roles and responsibilities

Day 2 | Implementation plan of an AIMS

- The organization and its context
- AIMS scope
- Analysis of the existing system
- AI policy
- AI risk management
- Statement of Applicability

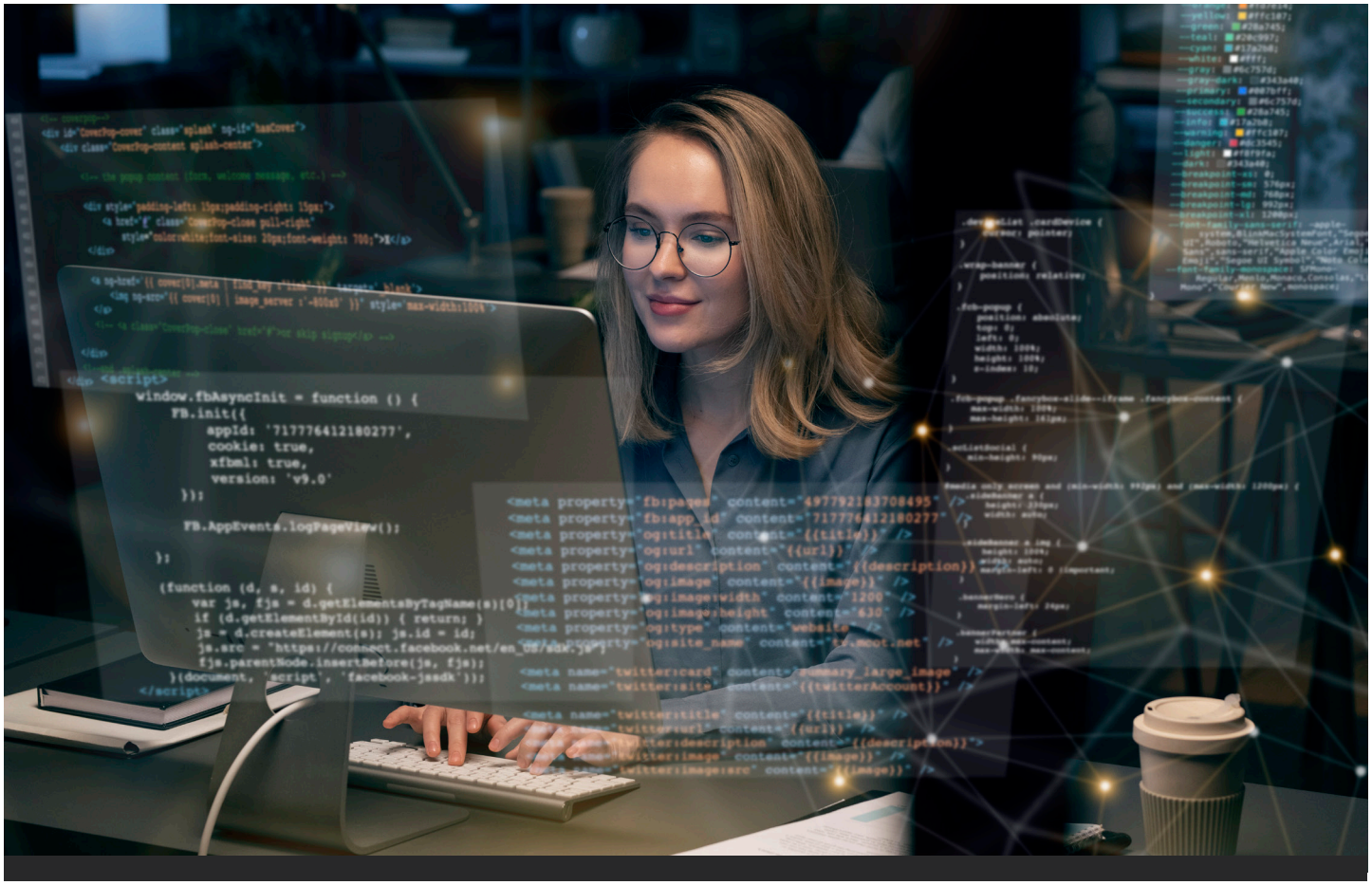
Day 3 | Implementation of an AIMS

- Selection and design of controls
- Implementation of controls
- Management of documented information
- Communication
- Competence and awareness
- Management of AI operations

Day 4 | AIMS monitoring, continual improvement, and preparation for the certification audit

- Monitoring, measurement, analysis and evaluation
- Internal audit
- Management review
- Treatment of nonconformities
- Continual improvement
- Preparation for the certification audit
- Closing of the training course

Day 5 | Certification Exam



Learning objectives

Upon successfully completing the training course, you will be able to:

- Explain the fundamental concepts and principles of an AIMS based on ISO/IEC 42001
- Interpret the ISO/IEC 42001 requirements for an AIMS from the perspective of an implementer
- Initiate and plan the implementation of an AIMS based on ISO/IEC 42001 by utilizing PECB's IMS2 Methodology and other best practices
- Support an organization in operating, maintaining, and continually improving an AIMS based on ISO/IEC 42001
- Prepare an organization to undergo a third party certification audit

Examination

Duration: 3 hours

The "PECB Certified ISO/IEC 42001 Lead Implementer" exam meets all the PECB Examination and Certification Program (ECP) requirements. It covers the following competency domains:

Domain 1 | Fundamental principles and concepts of an artificial intelligence management system (AIMS)

Domain 2 | Artificial intelligence management system requirements

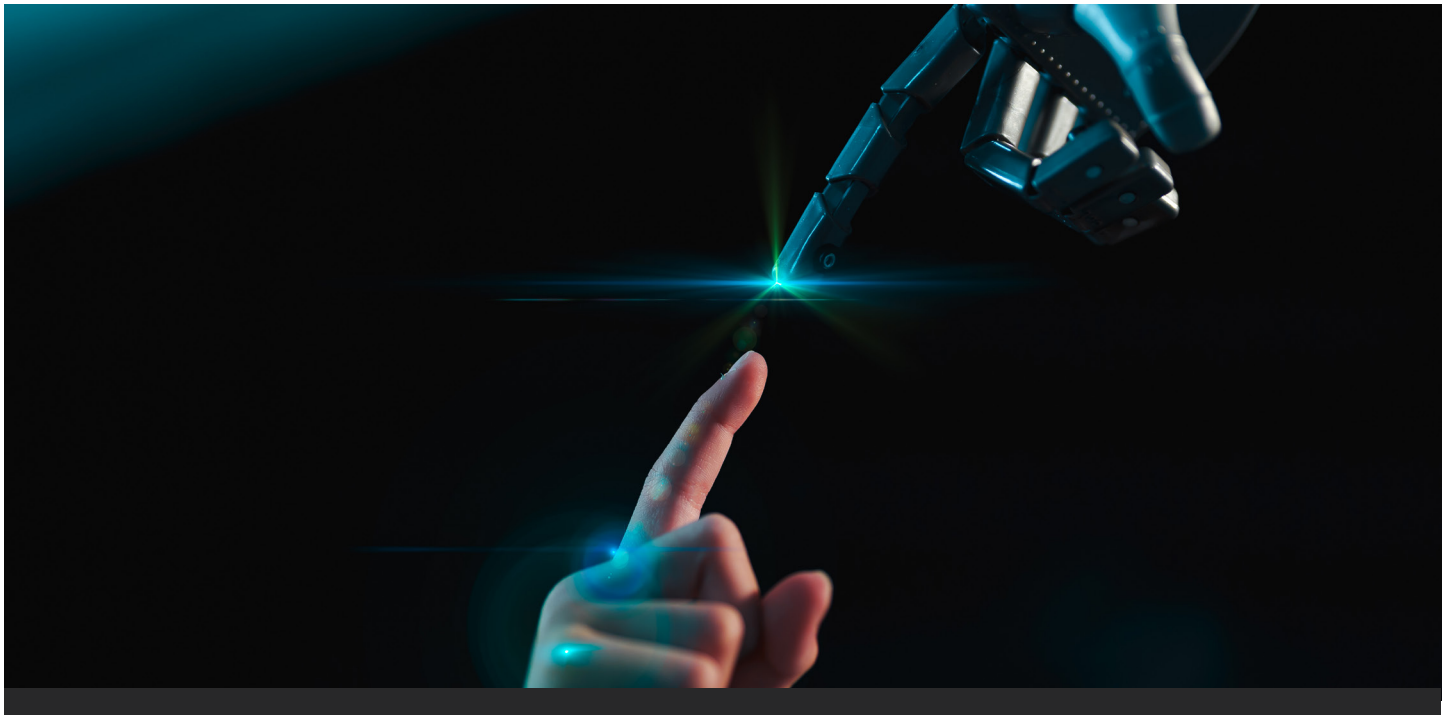
Domain 3 | Planning of an AIMS implementation based on ISO/IEC 42001

Domain 4 | Implementation of an AIMS based on ISO/IEC 42001

Domain 5 | Monitoring and measurement of an AIMS based on ISO/IEC 42001

Domain 6 | Continual improvement and preparation for an AIMS certification audit

For specific information about the exam type, languages available, and other details, please visit the List of PECB Exams and Exam Rules and Policies.



Certification

After passing the exam, you can apply for one of the credentials listed in the table below. You will receive a certification once you fulfill all the requirements of the selected credential.

Credential	Exam	Professional experience	MS project experience	Other requirements
PECB Certified ISO/IEC 42001 Provisional Implementer	PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO/IEC 42001 Implementer		**Two years:** One year of work experience in AI	Project activities: a total of 200 hours	
PECB Certified ISO/IEC 42001 Lead Implementer		**Five years:** Two years of work experience in AI	Project activities: a total of 300 hours	
PECB Certified ISO/IEC 42001 Senior Lead Implementer		**Ten years:** Seven years of work experience in AI	Project activities: a total of 1,000 hours	

For more information about ISO/IEC 42001 certifications and the PECB Certification process, please refer to Certification Rules and Policies.

General information

- Certification and examination fees are included in the price of the training course.
- Participants receive training course materials containing over 400 pages of information, practical examples, exercises, and quizzes.
- An attestation of course completion worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- Candidates who have completed the training course but failed the exam are eligible to retake the exam once for free within 12 months from the initial date of the exam