

ISO/IEC 42001 Artificial Intelligence Management System Lead Implementor (PECB Certified) - Including Exam

Durée: 4 Jours Réf de cours: ISO42001LI Méthodes d'apprentissage: Classe à distance

Résumé:

The ISO/IEC 42001 Lead Implementer training course provides the participants with the essential competencies needed to effectively plan, implement, manage, monitor, maintain, and continually improve an artificial intelligence management system (AIMS).

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.

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Public visé:

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

Objectifs pédagogiques:

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| <ul style="list-style-type: none"> ■ After 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 | <ul style="list-style-type: none"> ■ 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 |
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Pré-requis:

- The main requirement for participating in this training course is having a general knowledge of the AIMS and ISO/IEC 42001.
- ISO42001F - ISO/IEC 42001 Artificial Intelligence Management System Foundation (PECB Certified) - Including Exam

Test et certification

Examination

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

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.

PECB Certified ISO/IEC 42001 Provisional Implementer

- Exam: PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent
- Professional experience: None
- AIMS project experience: None
- Other requirements: Signing the PECB Code of Ethics

PECB Certified ISO/IEC 42001 Implementer

- Exam: PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent
- Professional experience: Two years: At least one year in artificial intelligence
- AIMS project experience: At least 200 hours of project activities
- Other requirements: Signing the PECB Code of Ethics

PECB Certified ISO/IEC 42001 Lead Implementer

- Exam: PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent
- Professional experience: Five years: At least two years in artificial intelligence
- AIMS project experience: At least 300 hours of project activities
- Other requirements: Signing the PECB Code of Ethics

PECB Certified ISO/IEC 42001 Senior Lead Implementer

- Exam: PECB Certified ISO/IEC 42001 Lead Implementer exam or equivalent
- Professional experience: Ten years: At least seven years in artificial intelligence
- AIMS project experience: At least 1,000 hours of project activities
- Other requirements: Signing the PECB Code of Ethics

To be considered valid, these activities are considered:

- Development of AI-powered solutions
- Design of AI-based systems
- Management of AI project portfolios
- Leading AI innovation teams
- Development of AI strategy and roadmap
- Implementation of AI governance and compliance programs
- Design of AI-based data pipelines
- Implementation of AI-powered business intelligence solutions
- Development and deployment of AI-powered cybersecurity solutions
- Development and implementation of AI-powered autonomous systems
- Management and design of AI-based predictive analytics
- Development of machine learning models
- Training and deployment of language learning models
- Implementation of natural language processing (NLP) solutions
- Development of sentiment analysis and text classification models

Après cette formation, nous vous conseillons le(s) module(s) suivant(s):

- ISO42001LA - ISO/IEC 42001 Artificial Intelligence Management System Lead Auditor (PECB Certified) - Including Exam
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Contenu:

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

Day 3: Implementation of an AIMS

Day 2: Planning the implementation of an AIMS

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

Méthodes pédagogiques :

Educational Approach

- This training course combines theoretical concepts and practical examples based on real-world applications of artificial intelligence, enabling participants to grasp the practical aspects of implementing AIMS.
- The training course contains essay-type exercises and multiple-choice quizzes, some of which are scenario-based.
- The participants are encouraged to collaborate and engage in meaningful discussions with fellow learners while tackling quizzes and exercises.
- The quiz format closely mirrors that of the certification exam, ensuring participants are well-prepared for their exam.

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.

Autres moyens pédagogiques et de suivi:

- Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
- Suivi d'exécution : Une feuille d'émargement par demi-journée de présence est signée par tous les participants et le formateur.
- En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

- Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
- Votre place sera confirmée à la réception d'un devis ou "booking form" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
- Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via moncompteformation.gouv.fr.

Accueil des bénéficiaires :

- En cas de handicap : plus d'info sur globalknowledge.fr/handicap
- Le Règlement intérieur est disponible sur globalknowledge.fr/reglement