

Curriculum

Course webpage:

<https://www.ettevotluskeskus.ee/vpecbaimsen-AI-management-system-implementation-specialist>

Curriculum approval date	16.09.2025
Name of the continuing education institution	Ettevõtluskeskus OÜ
Curriculum name	PECB Certified ISO/IEC 42001 Artificial Intelligence Management System Lead Implementer In Estonian: ISO/IEC 42001 AI MS Tehisintellekti juhtimissüsteemi rakendamise sertifitseeritud spetsialist
Curriculum code	vPECBAIMSien
Curriculum group	Information and Communication Technology - Computer Usage
Target group	The training is designed for those who want to acquire comprehensive knowledge and skills in implementing artificial intelligence management systems. A background in IT, management, or technical fields is recommended. It's suitable for those looking to transition careers or enhance their skills. The training is particularly suitable for AI project managers, consultants, IT specialists, quality managers, and other professionals with technical backgrounds.
Learning objective	The training aims to provide participants with comprehensive knowledge and practical skills for creating and implementing an Artificial Intelligence Management System (AIMS) according to ISO/IEC 42001 standard. The program prepares participants for obtaining the internationally recognized PECB ISO/IEC 42001 Lead Implementer certification.
Basis for curriculum development	<ul style="list-style-type: none">• OSKA research• Market analysis• Technology trends• ISO/IEC 42001 standard
Learning outcomes	Upon completion, the learner: <ol style="list-style-type: none">1. Understands ISO/IEC 42001 artificial intelligence management system principles and requirements2. Can plan and implement AIMS in organizations3. Can assess and mitigate artificial intelligence-related risks

	<ol style="list-style-type: none"> 4. Can manage organizational change in AI project contexts 5. Is prepared to take the PECB ISO/IEC 42001 Lead Implementer certification exam
Prerequisites for starting studies	<ul style="list-style-type: none"> • English language proficiency at intermediate level (materials and tests are in English) • Preferably IT or technical background or work experience • Basic knowledge of information technology • Computer with webcam and stable internet connection • Headphones with microphone • Noise-free learning environment during live sessions
Total volume of studies, including the proportion of classroom, practical, and independent work	<p>Total training volume: 90 academic hours, including:</p> <ul style="list-style-type: none"> • Classroom learning (group meetings in online environment): 40 academic hours • Independent work: 50 academic hours
Independent work	<ul style="list-style-type: none"> • Study materials review (over 400 pages of comprehensive materials) • Weekly practical assignments • Case studies • Exam preparation tasks • Final project: Developing AIMS implementation plan
Study content	<ol style="list-style-type: none"> 1. Introduction to ISO/IEC 42001 standard and starting AIMS implementation <ul style="list-style-type: none"> • Standards and regulatory frameworks • AIMS principles • Project approval and roles 2. AIMS implementation planning <ul style="list-style-type: none"> • Organizational context • AIMS scope • AI risk management • Statement of Applicability 3. AIMS implementation <ul style="list-style-type: none"> • Selection and design of controls • Management of documented information • Communication and awareness • Management of AI operations 4. AIMS monitoring and improvement <ul style="list-style-type: none"> • Measurement and analysis • Internal audit • Management review

	<ul style="list-style-type: none"> • Handling nonconformities <p>5. Certification exam preparation</p> <ul style="list-style-type: none"> • Practical review • Practice tests • Exam passing strategies
Teaching methods	<ul style="list-style-type: none"> • Lectures • Online group mentoring • Practical assignments and group work • Case studies • Individual project work • Consultations with mentors
Description of the learning environment	<p>The training takes place in an online environment combining:</p> <ul style="list-style-type: none"> • Video conferencing platform for live sessions • E-learning environment for materials and assignments • Group work tools for collaboration • Feedback system
List of study materials	<ul style="list-style-type: none"> • Digital materials • ISO/IEC 42001 standard guidance materials • Video recordings • Exam preparation materials
Completion requirements and documents issued	<p>A qualification document is issued when the learner has demonstrated the achievement of learning outcomes by successfully completing practical tasks and appropriately answering theoretical questions. If the learner does not achieve the required learning outcomes, a confirmation of participation is issued.</p>
Lecturers / mentors	<p>All trainers have higher education, work experience in the field they teach, and experience in adult education.</p>