



PECB CERTIFIED ISO 21500 LEAD PROJECT MANAGER

MASTERING PROJECT MANAGEMENT BASED ON ISO 21500

SUMMARY

This five-day intensive course enables participants to develop the necessary expertise to support an organization in implementing Guidance on Project Management as specified in ISO 21500:2012. Participants will also gain a thorough understanding of best practices used to implement and manage project management processes. Through this course, participants will learn how to control costs and improve project results. Organizations will improve its project management continuously by carrying out refinement assessments (plan-do-check-act).

ISO 21500 is a useful instrument for any kind of organization, including public, private or community organizations and for any type of project, irrespective of complexity, size or duration. It provides quality guidance on concepts and processes of project management that have impact on the performance of projects. Being one of its kind in the planned family of project management, other market standards (IPMA, PRINCE2) and existing ISO standards (ISO 9001, ISO 10006 and ISO 31000) have been used as reference materials for developing ISO 21500.

WHAT CAN BE GAINED BY ISO 21500 TRAINING AND CERTIFICATION?

During the last decades several attempts have been made to determine the relationship between the maturity level of a company and project performance. After studying projects with 200 different organizations in 30 countries, it resulted that the lower the maturity levels of the company, the higher the chance of project failure. Therefore, ISO 21500 training courses help your organization to reach a higher level of maturity, which will undoubtedly lead to cost reduction by 30%, minimize risk of project failure, and will enhance the effectiveness of your projects. Moreover, your company will also benefit:

- ▶ Proven quality
- ▶ Widely recognized framework
- ▶ The transfer of knowledge between projects and organizations
- ▶ Integration with specific standards
- ▶ Continuous improvement
- ▶ Business continuity
- ▶ Satisfied employees
- ▶ Having a diagnostic tool for assurance and assessments



WHO SHOULD ATTEND?

- ▶ Project managers
- ▶ Operations managers
- ▶ Program managers
- ▶ Quality managers
- ▶ Senior managers
- ▶ Consultants
- ▶ Members of a project management team
- ▶ Project sponsors

COURSE AGENDA

DURATION: 5 DAYS

Introduction to ISO 21500 and project initiation

- ▶ Introduction to Project Management
- ▶ Terms and definitions related to Project Management
- ▶ Project Management standards, frameworks and methodologies
- ▶ Project Management concepts and their relationships
- ▶ Project Management processes
- ▶ Initiation of project management processes

Planning the processes as specified in ISO 21500

- ▶ Develop project plans
- ▶ Define scope, create work breakdown structure and define activities
- ▶ Estimate resources and define project organization
- ▶ Sequence activities, estimate activity durations and develop schedule
- ▶ Estimate costs and develop budget
- ▶ Identify and assess risks
- ▶ Plan quality
- ▶ Plan procurements
- ▶ Plan communications

Implementing the processes as specified in ISO 21500

- ▶ Direct project work
- ▶ Manage stakeholders
- ▶ Develop project team
- ▶ Treat risks
- ▶ Perform quality assurance
- ▶ Select suppliers
- ▶ Distribute information

Controlling and closing the processes as specified in ISO 21500

- ▶ Control project work and changes
- ▶ Control scope
- ▶ Control resources and manage project team
- ▶ Control schedule
- ▶ Control costs
- ▶ Control risks
- ▶ Perform quality control
- ▶ Administer procurements
- ▶ Manage communications
- ▶ Close project phase or project
- ▶ Collect lessons learned

Certification Exam



LEARNING OBJECTIVES

- ▶ To understand the implementation of projects in accordance with ISO 21500
- ▶ To gain a comprehensive understanding of the concepts, approaches, methods, techniques and processes allowing an effective project management according to ISO 21500
- ▶ To understand the relationship between the project management and the compliance with the requirements of different stakeholders of an organization
- ▶ To acquire the competence to initiate, plan, implement, control and close a project as specified in ISO 21500
- ▶ To acquire necessary expertise to manage a team implementing ISO 21500
- ▶ To acquire the competence to effectively advise organizations on the best practices in project management

EXAMINATION

The “PECB Certified ISO 21500 Lead Project Manager” exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

Domain 1: Framework of Project Management

Domain 2: Project Management processes based on ISO 21500

Domain 3: Planning a project based on ISO 21500

Domain 4: Implementing a Project based on ISO 21500

Domain 5: Performance evaluation, monitoring and measurement of a Project based on ISO 21500

Domain 6: Project Management Knowledge Areas ISO 21500

- ▶ The “PECB Certified ISO 21500 Lead Project Manager” exam is available in different languages, (the complete list of languages can be found in the examination application form)
- ▶ Duration: 3 hours
- ▶ For more information about the exam, please visit: www.pecb.com



CERTIFICATION

- ▶ After successfully completing the exam, participants can apply for the credentials of PECB Certified ISO 21500 Provisional Project Manager, PECB Certified ISO 21500 Project Manager or PECB Certified ISO 21500 Lead Project Manager, depending on their level of experience
- ▶ A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential:

Credential	Exam	Professional Experience	PMMS project experience	Other Requirements
ISO 21500 Provisional Project Manager	PECB Certified ISO 21500 Lead Project Manager exam or equivalent	None	None	Signing the PECB code of ethics
ISO 21500 Project Manager	PECB Certified ISO 21500 Lead Project Manager exam or equivalent	Two years One year of work experience in project management	Project activities totaling 200 hours	Signing the PECB code of ethics
ISO 21500 Lead Project Manager	PECB Certified ISO 21500 Lead Project Manager exam or equivalent	Five years Two years of work experience in project management	Project activities totaling 300 hours	Signing the PECB code of ethics

GENERAL INFORMATION

- ▶ Certification fees are included in the exam price
- ▶ Participant manual contains over 450 pages of information and practical examples
- ▶ A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to participants
- ▶ In case of failure of the exam, participants are allowed to retake it for free under certain conditions