



MASTERING THE FUNDAMENTAL PRINCIPLES AND CONCEPTS OF 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 self-purifying 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 give more effectiveness to 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 and business hygiene
- Having a diagnostic tool for assurance and assessments

DAY 3



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: 3 DAYS

Introduction to Project Management concepts as required by ISO 21500

- Introduction to Project Management
- ▶ Terms and definitions related to Project Management
- ▶ Project Management standards, frameworks and methodologies
- Detailed presentation of the clauses 3 and 4 of ISO 21500

Planning and Implementing the processes as specified in ISO 21500

- ▶ Implementation phases of the ISO 21500 framework
- ▶ The Project Management processes
- Direct project work
- Manage stakeholders
- Develop project team
- Treat risks

Controlling and closing processes as specified in ISO 21500 and Certification Exam

- Perform quality assurance
- Distribute information
- Control project work and changes
- Control scope
- Control resources and manage project team
- Control schedule
- Control costs
- Control risks

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 understand the relationship between Project Management and compliance with the requirements of different stakeholders

EXAMINATION

Participants that attend this course, will enter in the "PECB Certified ISO 21500 Lead Project Manager" exam which fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

Domain 1: Fundamental principles and concepts in Project Management

Main Objective: To ensure that the ISO 21500 Project Manager candidate can understand, interpret and illustrate the main Project Management concepts related to guidance on Project Management (GPM)

Domain 2: Project management best practices based on ISO 21500

Main Objective: To ensure that the ISO 21500 Project Manager candidate can understand, interpret and provide guidance on how to implement and manage Project Management requirements based on best practices of ISO 21500

Domain 3: Planning a project based on ISO 21500

Main Objective: To ensure that the ISO 21500 Project Manager candidate can plan the implementation of a project in preparation for an ISO 21500 certification

Domain 4: Implementing a project based on ISO 21500

Main Objective: To ensure that the ISO 21500 Project Manager candidate can implement the processes of a project required for an ISO 21500 certification

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

Main Objective: To ensure that the ISO 21500 Project Manager candidate can evaluate, monitor and measure the performance of a project in the context of an ISO 21500 certification

Domain 6: Continual improvement of a project based on ISO 21500

Main Objective: To ensure that the ISO 21500 Project Manager candidate can provide guidance on the continual improvement of a project management in the context of ISO 21500

Domain 7: Preparation for a project management certification audit

Main Objective: To ensure that the ISO 21500 Project Manager candidate can prepare and assist an organization for the certification of a project management against the ISO 21500 standard

- ► 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 Certified ISO 21500 Provisional Project Manager or Certified ISO 21500 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

- ► Exam and certification fees are included in the training price
- A student manual containing over 350 pages of information and practical examples will be distributed to participants
- ▶ A participation certificate of 21 CPD (Continuing Professional Development) credits will be issued to participants
- ▶ In case of failure of the exam, participants are allowed to retake the exam for free under certain conditions