Course: Construction Management , Procedures and Implementation

Code	City	Hotel	Start	End	Price	Language - Hours
678	ONLINE	ONLINE	2025-07-07	2025-07-11	1750 €	En - 25

Course Description

The program is designed as an integrated series of lectures and case studies to provide an understanding of the concept of achieving construction, procedure and implementation of projects to meet the ever-changing needs of clients. It is designed to prepare participants to think systematically while managing the construction projects, its' procedure and implementation, by giving a hands-on training. Participants will also be able to understand the relationships between hard and soft skills required from conceptualization of project to running day-to-day implementation.

Course Objective

At the end of this course the attendance will gain the following skills:

- Planning and organizing the projects in different conditions
- Advanced techniques for contract management
- Risk mitigation and avoidance in different conditions
- Equipment management and cost estimating
- Human resource management
- Material management
- Management of sub-contractors
- Advanced techniques for project control

Who Should attend?

This course designed to serve the project management team such as:

- Technical Engineers
- Project Managers
- Planning and programming Engineers
- Control Managers
- Equipment Managers
- Maintenance Supervisors
- Operation Supervisors.

Course Outline

Project Management framework

- The meaning of project management
- Characteristics of construction project phases
- Fundamentals of project management
- Project management processes -

Project contracts and legal aspects

Importance of project contracts

- Contract planning

- Types of contracts
- Contracts and risk management

Project planning and scheduling

- Importance of project planning
- Principals of Bar Chart technique
- Network planning techniques(CPM&PERT)

Construction project resource management

- Equipment planning and selection
- Equipment production rate and selection
- Equipment utilization
- Equipment costing

Construction site and labor management

- Construction site resource allocation
- Manpower scheduling
- Manpower Organization
- Manpower productivity

The Scandinavian Academy for Training and Development employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:

- **Theoretical Lectures:**
    - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
    - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
    - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
    - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
    - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
    - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
    - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
    - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
    - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
    - Training programs are held from 10:00 AM to 2:00 PM and include coffee break sessions during lectures.