

Scandinavian Academy Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

Course: Technical Project Management

Code	City	hotel	Start	End	price	Language - Hours
PM-719SA	Alula	Hotel Meeting	2027-04-25	2027-04-29	13950 SR	En - 25

Course Description

This 5-days course covers knowledge and practice in managing technical projects related to R&D, construction, capacity expansion, instrumentation and control, plant outages and more.

Course Goal

To enhance the participant’s knowledge, skills, and abilities necessary to improve his skills to manage technical projects

Course Objectives

By the end of this course the participant will be able to:

- Identify potential problems and avoid them using troubleshooting techniques
- Track projects more effectively
- Create status reports that show top management where budgeting, scheduling and manpower trends are headed
- Cope with tight schedules

Who Can Benefit

- R&D professionals, engineers (across all specialties), scientists and principal investigators, project engineers, facility engineers, plant managers and anyone else who administers technical projects.

- Individuals from non-technical fields who are new to project management, as well as those looking for formal project management training.

Course Outline

Benefits of Project Management

Time, Cost and Scope

- Time-cost-scope tradeoffs and negotiations
- Gathering and documenting requirements
- Differentiating among product, process and project requirements

Project Leadership

- The Functions of Leadership
- Communication, Motivation, and Solving Problems
- Work Supervising

Project Work Plan

- The Project Work: Definition and Documentation
- Project Templates
- Appropriate Levels of Work for Groups
- Skills Needed to Achieve the Work

Network Logic/Dependency Analysis

- Network diagrams
- Key dependency relationships
- Dealing with overlapping tasks

Work Estimation

- Duration for Project Tasks
- Labor Content for Project Tasks
- Price Out the WBS
- Estimate Network

Milestone Plan

- The spreadsheet metaphor
- Project plans: asset and resource utilization, cost or budget, milestones
- Project management software examples

Projects Monitoring and Control

- The change control process
- Reporting project status and formats
- Reporting
- Corrective Action

Project Closure: Documenting Lessons Learned

- Close Out a Project
- Final Report for the Project
- "Lessons Learned"—Prevention, Detection, and Recovery

The Scandinavian Academy for Training Center adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

Program Timings: 9:00 AM to 2:00 PM

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

Our Success Partners

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