

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: Pavement Design & Construction of Municipal Roadways

Code	City	hotel	Start	End	price	Language - Hours
CV-334SA	Dammam	Hotel Meeting Room	2027-07-25	2027-07-29	12950 SR	En - 25

OVERVIEW

After participating in this course, you will be able to:

- Follow the visual inspection methods used by specialists
- Use the latest destructive and non-destructive investigation techniques when conducting a building condition survey
- Select destructive and non-destructive testing techniques based on their strengths and limitations, and suitability to your concrete, steel, timber and masonry structures
- Interpret building system results
- Assess the useful life of the building systems and the whole building

Description

As buildings age, those responsible for them must get involved with condition surveys. These individuals have to evaluate materials, conduct destructive or non-destructive tests, evaluate results and decide on the necessary actions for structural rehabilitation. This seminar explains the step-by-step procedures for conducting a condition survey of concrete, steel, timber and masonry structures, HVAC, mould, plumbing, electrical and fire safety systems.

The strengths and limitations of destructive and non-destructive techniques, along with their suitability for a variety of situations, are discussed.

Who Should Attend

- Structural Engineers
- Project Engineers and Managers
- Consulting Engineers
- Designers
- Facility Supervisors and Managers
- Building Services Managers
- Technicians and Technologists
- Capital Asset Personnel
- Inspection Personnel
- Architects

Course Outline

- Assessing Building Conditions
- Structural Condition of Wood, Steel and Concrete
- Masonry Structures
- Foundations
- Building Envelope: Testing and Monitoring
- Roofing, Doors and Windows
- Mould
- Site Elements and Life Expectancy
- Fire Safety
- HVAC Components and Plumbing Systems
- Electrical Systems
- Workshops
- Facility Condition Index
- Review Building Condition Assessment Reports and Case Studies

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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