

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: Structural Rehabilitation of Bridges

Code	City	hotel	Start	End	price	Language - Hours
CV-333SA	Jeddah	Hotel Meeting Room	2027-04-18	2027-04-22	12950 SR	En - 25

OVERVIEW

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

- Better understand the application of the Canadian Highway Bridge Design Code
- Apply state-of-the-art and innovative techniques for bridge rehabilitation and strengthening
- Boost your technical library with numerical examples for bridge evaluation and rehabilitation

Description

Bridges need to be rehabilitated for causes such as deteriorations due to environmental effects, deficiencies in the original design or construction or the need to carry heavier vehicular loads. Those responsible for maintaining bridges need to keep abreast of the latest techniques available for assessing the condition of their structures, as well as the methods and techniques for repairing or strengthening them.

You will focus on the technical aspects of bridge rehabilitation, such as the use of bridge inspection equipment, condition survey procedures and the latest practical methods for repairing and strengthening existing bridges. The course will provide excellent exposure of the Canadian Highway Bridge Design Code.

Who Should Attend

- Bridge rehabilitation Engineers

- Structural Designers and Inspectors
- Managers
- Consulting Engineers
- Superintendents and Contractors
- Fabricators and material suppliers
- Material testing personnel
- Regulatory Agency staff

Program Outline

- Typical damage of bridge structures
- CHBDC assessment and evaluation techniques
- Bridge condition assessment
- Rehabilitation of concrete and concrete-steel bridge superstructures
- Use of FPP composites in rehabilitation

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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