

THE NEW

CSCE-CSA CANADIAN HIGHWAY BRIDGE DESIGN CODE

S E M I N A R

New Developments in the CHBDC

Hear directly from the authors of the 2006 code!

Code canadien sur le calcul des ponts routiers 2006

Venez écouter les auteurs du nouveau code!

Vancouver, BC	March 6, 2007	1 day
Calgary, AB	March 7, 2007	1 day
Edmonton, AB	March 8, 2007	1 day
Moncton, NB	April 4, 2007	1 day
St. John's, NL	April 5, 2007	1 day
Toronto, ON	April 10, 2007	1 day
Ottawa, ON	April 11, 2007	1 day
Montréal, QC	17 avril 2007	1 journée
Québec, QC	18 avril 2007	1 journée



Canadian Society for Civil Engineering
Société canadienne de génie civil



CANADIAN STANDARDS ASSOCIATION ASSOCIATION CANADIENNE DE NORMALISATION

This course is endorsed by



LES EXPERTS EN GALVANISATION DEPUIS 1965



WHO SHOULD ATTEND?

All engineers who are involved in the planning, design, site supervision, evaluation and restoration of highway bridges.

...the code is considered to be the leading code for bridge design...

QUI DOIT ASSISTER?

Tous les ingénieurs qui sont impliqués dans la planification, la conception, la supervision et la rénovation des ponts routiers.

...le code est considéré comme le plus avancé au monde...

COURSE DESCRIPTION

The course will cover significant features of the chapters that contain the most notable changes in the 2006 edition of the CHBDC S6-06. The code incorporates the latest information and knowledge for bridge design.

Particular emphasis will be put on the design and rehabilitation of fibre reinforced structures. This makes the S6-06 the only design code in the world that permits the use of FRPs for strengthening and reinforcement on both new and rehabilitated bridges and structures made of concrete or wood.

With up-to-date design provisions, the code is considered to be the leading code for bridge design by engineers around the world.

To obtain a copy of the new code, please visit www.shopcsa.ca.

DESCRIPTION DU COURS

Le cours couvrira les aspects importants des sections contenant des changements majeurs dans la version 2006 du code S6-06.

Une attention particulière sera apportée à la conception et la rénovation de structures renforcées de fibres. Ceci fait du S6-06 le seul code au monde à permettre l'utilisation de polymères renforcés de fibres pour consolider et renforcer les ponts routiers et les structures en béton ou en bois nouvellement construits ou rénovés.

Avec la mise à jour des dispositions relatives à la conception des ponts, le code est considéré comme le plus avancé au monde.

Pour obtenir une copie du code, veuillez visiter www.shopcsa.ca.

NEW THE CANADIAN HIGHWAY BRIDGE DESIGN CODE SEMINARS VENUES

March 6, 2007	Vancouver, BC	Best Western Abercorn Inn 9260 Bridgeport Road, Richmond, BC	604-270-7576
March 7, 2007	Calgary, AB	Blackfoot Inn Calgary 9540 Blackfoot Trail S.W., Calgary, AB	1-800-661-1151
March 8, 2007	Edmonton, AB	Greenwood Inn 4485 Gateway Blvd. Edmonton, AB T6H 5C3	780-431-1100
April 4, 2007	Moncton, NB	Université de Moncton Édifice Jacqueline Bouchard, Local 198 Campus de Moncton, NB	506-858-4315
April 5, 2007	St. John's, NL	Delta St John's Hotel 120 New Gower Street, St. John's, NL	709-739-6404
April 10, 2007	Toronto, ON	Days Inn Toronto Downtown 30 Carlton Street, Toronto, ON	416-977-6655
April 11, 2007	Ottawa, ON	Minto Suite Hotel 433 Laurier Avenue West, Ottawa, ON	613-232-2200
17 avril 2007	Montréal, QC	Hotel Maritime Montréal 1155 rue Guy, Montréal, QC	514-932-1265
18 avril 2007	Québec, QC	Four Points by Sheraton, 7900 Rue du Marigot Québec, QC	418-627-8008

CANCELLATION POLICY > Any registrant may substitute another person without charge at any time. Refunds will be given for a written cancellation received two weeks prior to the course. A cancellation fee will apply. No refund will be issued past this date. In the event that CSCE must cancel a course, the participants will receive a 100% refund of course fees.

ANNULATION > Il est possible de substituer un participant à un autre au même tarif à tout moment. Le remboursement se fera sur avis écrit reçu deux semaines avant le cours. Des frais seront déduits. Nous regrettons de n'effectuer aucun remboursement après cette date. En cas d'annulation d'un cours par la SCGC, les participants seront remboursés à 100%.

BENEFITS

- Remain up-to-date with the new changes.
- Understand the rationales behind the changes.
- Interact directly with the authors of the code.
- Get the answers that you need to know.
- Acquire hours in C.E.U. and/or PDH.

AVANTAGES

- Vous informer des changements du code.
- Comprendre les raisons de ces changements.
- Interagir avec les auteurs du code.
- Obtenir les réponses à vos questions.
- Acquérir des heures de FP.

NEW THE CSA CANADIAN HIGHWAY BRIDGE DESIGN CODE SEMINAR SPEAKERS / CONFÉRENCIERS

Baidar Bakht, Ph.D., JMBT Structures Research Inc.

Brahim Benmokrane, Ph.D., P.Eng., Sherbrooke University

André Caron, ing., M.Sc., SNC-Lavalin

Hisham Ibrahim, Ph.D., P.Eng., Buckland and Taylor Ltd.

Isabelle Leclerc, ing., M.Sc., Ministère des Transports du Québec

John Newhook, Ph.D., P.Eng., Dalhousie University

David Rogowsky, Ph.D., P.Eng., UMA Engineering Ltd.

Bijoy Saha, M.Eng., P.Eng., ADI Limited

Gamil Tadros, Ph.D., P.Eng., SPECO Engineering Ltd.

PROGRAM / PROGRAMME TOPICS & SPEAKERS / SUJETS ET CONFÉRENCIERS

	BC	AB	ON	QC	NL & NB
8:30 Registration and Coffee Inscription					
9:00 – 10:30 Fibre Reinforced Structures 1 Structures renforcées de fibres	G Tadros	G Tadros	B Bakht	B Benmokrane	J Newhook
10:30 Coffee Break					
10:50 – 12:00 Fibre Reinforced Structures 2 Structures renforcées de fibres	G Tadros	G Tadros	B Bakht	B Benmokrane	J Newhook
12:00 Lunch					
1:15 – 2:00 Methods of Analysis Méthodes d'analyse	B Bakht	B Bakht	B Bakht	A Caron	J Newhook
2:00 – 3:00 Buried Structures Structures sous remblais	B Bakht	B Bakht	B Bakht	I Leclerc	B Bakht
3:00 Coffee Break					
3:30 – 4:15 Concrete Structures Structures en béton	H Ibrahim	D Rogowsky	D Rogowsky	A Caron	B Saha
4:15 Discussion					
4:30 End of Session/Fin de la session					

To reserve and confirm your place, please mail or fax in your registration form along with your method of payment to: 514-933-3504
c/o Ms. Kar-Wei Cho, CSCE, 4920 de Maisonneuve Blvd. W., Suite 201, Montréal, QC H3Z 1N1. E-mail: events@csce.ca Web site: www.csce.ca

REGISTRATION FORM/FORMULAIRE D'INSCRIPTION

EARLY BIRD (on or before February 15, 2007/Avant le 15 février 2007 - NB-NL-ON-QC: on or before March 15, 2007/Avant le 15 mars 2007)

	BC, AB, ON	QC	NB, NL
CSCE Members Membres SCGC	☐ \$300+tax = \$318.00	☐ \$300+tax = \$341.85	☐ \$300+tax = \$342.00
Newly enrolling CSCE Members Nouveaux Membres SCGC	☐ \$350+\$90+tax = \$466.40	☐ \$350+\$90+tax = \$501.38	☐ \$350+\$90+tax = \$501.60
Non CSCE Members Non membres	☐ \$400+tax = \$424.00	☐ \$400+tax = \$455.80	☐ \$400+tax = \$456.00

OPEN REGISTRATION (after February 15, 2007/Après le 15 février 2007 - NB-NL-ON-QC: after March 15, 2007/Après le 15 mars 2007)

	BC, AB, ON	QC	NB, NL
CSCE Members Membres SCGC	☐ \$350+tax = \$371.00	☐ \$350+tax = \$398.82	☐ \$350+tax = \$399.00
Newly enrolling CSCE Members Nouveaux Membres SCGC	☐ \$400+\$90+tax = \$519.40	☐ \$400+\$90+tax = \$558.35	☐ \$400+\$90+tax = \$558.60
Non CSCE Members Non membres	☐ \$450+tax = \$477.00	☐ \$450+tax = \$512.77	☐ \$450+tax = \$513.00

NOTES:

>Newly enrolling members are eligible for a special introductory membership fee of \$90 and a discount on all **future** CSCE events.

Les nouveaux membres bénéficient d'un tarif d'adhésion spécial de 90\$ et d'un rabais sur toutes les activités **futures** de la SCGC.

>Student fee : \$100+taxes./ Tarif étudiant : 100\$ plus taxes.

>NOTE TO EMPLOYERS: Pay for five participants and **receive one free registration.**

NOTE AUX EMPLOYEURS: payez pour cinq participants et **recevez une inscription gratuite.**

VENUE/VILLE

DATE

NAME/NOM

CSCE Membership # Numéro de membre

E-mail/Courriel

Title/Titre

Organization

Address/Adresse

City/Ville

Province

Postal Code/Code postal

Telephone ()

Fax/Télécopieur ()

PAYMENT INFORMATION/MODE DE PAIEMENT

☐ CHEQUE (payable to CSCE)

☐ VISA

☐ MASTERCARD

Cheque payable à CSCE.

Signature

Credit card number/Numéro de carte de crédit

Expiry date/Date d'expiration

To reserve and confirm your place, please mail or fax in your registration form along with your method of payment to: 514-933-3504
c/o Ms. Kar-Wei Cho, CSCE, 4920 de Maisonneuve Blvd. W., Suite 201, Montréal, QC H3Z 1N1. E-mail: events@csce.ca Web site: www.csce.ca

MEMBERSHIP APPLICATION

THE CANADIAN SOCIETY FOR CIVIL ENGINEERING / LA SOCIÉTÉ CANADIENNE DE GÉNIE CIVIL

A Member Society of The Engineering Institute of Canada / Une Société adhérente de l'Institut Canadien des Ingénieurs

Surname Given Names (Underline Name Used)

Date of Birth / / Sex Language for Correspondence

Home Address Apartment No.

City Province Postal Code Country

Telephone () Fax () E-mail

Employer

Business Address Suite No

City Province Postal Code Country

Business Title (Where applicable)

Telephone () Fax () E-mail

MEMBERSHIP APPLICATION I wish to apply for Admission to the grade in CSCE.

PLEASE TYPE/PRINT:

Member, Assoc. Member, Prof. Affil

RETURN TO: National Headquarters 4920 de Maisonneuve Blvd. W., Suite 201, Montréal, QC, H3Z 1N1. Fax: (514) 933-3504

PERSONAL DATA/PROFESSIONAL REGISTRATIONS/MEMBERSHIPS HELD/ACADEMIC RECORD

Province(s) of Current Professional Registration

Are you a member of any other Engineering Societies? If so, give details.

SOCIETY

MEMBERSHIP GRADE

DEGREE DATE UNIVERSITY AREA OF SPECIALIZATION (if applicable)

(Please provide photocopies of certificates or transcripts)

TECHNICAL DIVISION MEMBERSHIPS (Select up to three fields in order of preference, i.e. 1,2,3)

_____ Cold Regions _____ Eng. Mechanics/Materials Eng. _____ Hydrotechnical _____ Computer Applications _____ Infrastructure Renewal
_____ Structural _____ Construction _____ Environmental _____ Transportation _____ Sustainable Dev.

TECHNICAL DIVISION MEMBERSHIPS: Select up to three divisions in order of preference, (i.e. 1,2,3)

WORK EXPERIENCE: Please submit a recent C.V.

MEMBERSHIP GRADES

MEMBER: normally holds a recognized educational qualification in Civil Engineering at the level recognized by a provincial Association of Professional Engineers and whose competence has been established by at least four years of professional experience.

ASSOCIATE MEMBER: normally holds an engineering degree from a recognized university but has not yet acquired the qualifications for member status related to the extent of professional practice.

PROFESSIONAL AFFILIATE: technologists, technicians and other persons working in the field of Civil Engineering.

GRADUATE STUDENT MEMBER: those engaged in full-time postgraduate studies at a recognized Canadian university may be eligible.

Signature

Date

GST# R107599276 Ce formulaire est aussi disponible en français.