

Canada's Capital University

ANNOUNCEMENT

2015 SHORT COURSE ON

BLAST-RESISTANT

STRUCTURAL DESIGN

MAY 11-12, 2015

FACULTY BOARD ROOM

2014 MINTO CENTRE

CARLETON UNIVERSITY

Department of Civil and Environmental Engineering

Instructors

Abass Braimah

Jag Humar

Others to be announced

The course instructors have a wealth of experience in explosion effects, blast hazard assessment, structural dynamics and blast-resistant design. They are members of the Carleton Centre for Infrastructure Protection, Security, and Resilience (CIPSeR) and conduct experimental investigations of blast effects on structures. They are also members of the CSA technical committee on blast resistant buildings.

Course Topics

Chemical explosives and explosions, blast load-structure interaction including blast loading of buildings, single-degree-of-freedom dynamics, blast-resistant design of reinforced concrete structural, steel structures, and performance criteria for blast resistant structures in accordance with CSA 850-12.

Venue

The 2015 short course on "Blast-Resistant Structural Design" will be held in the Faculty Board Room, 2014 Minto Centre on the Campus of Carleton University—Canada's Capital University.

Who Should Attend

The short course on blast-resistant structural design is designed for engineers and project manager in need of an understanding of explosion effects, blast resistant design, and building response and performance under blast loading. Design professionals in the fields of blast protective design against terrorist threats or in the petrochemical (oil & gas industries) will find this course very useful.

Architects, first responders, and building design/construction professionals will also benefit from this course, especially aspects of the new and first Canadian Standard on blast (CSA 850-12: Design and assessment of buildings subjected to blast loads).

Registration

Regular registration before April 01, 2015: \$840.71 +13%HST (\$109.29) \$950.00

Late registration after April 01, 2015: \$929.20 + 13%HST (\$120.80) \$1050.00

Registration at the door: \$1106.20 +13%HST (\$143.80) \$1250.00

Student registration \$575.22+13%HST (\$74.78) \$650.00

☐ Parking for 2 days \$20.00

Total payment \$

For online registration visit
[blast-resistant-structural-design](http://www.carleton.ca/conferenceservices/blast-resistant-structural-design)

If you would like to register with money order, or bank draft complete the payment form below and mail to the address provided.

Payment method:

☐ Cheque ☐ Money order ☐ Bank draft

Name:

Address:

Email Address:

Make cheques payable to **Carleton University** and mail to:

Department of Civil and Environmental Engineering
3432 Mackenzie Building,
1125 Colonel By Drive
Ottawa, Ontario
K1S 5B6

Accommodation

For accommodation information visit

www.carleton.ca/conferenceservices/

www.ottawahotels.com

<http://www.carleton.ca/elerg/>