Instructors

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 critical infrastructure systems. 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 and structural steel structures, performance criteria for blast resistant structures in accordance with CSA 850-12.

Venue

The 2018 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 managers in need of an understanding of explosion effects, blast resistant design, and building response to 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:
$840.71 +13% HST ($109.29) $950.00

Parking for 2 days
($17.70 +13% HST ($2.30) $20.00

Total Payment

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

Payment method:

Cheque Money order Bank draft

Indicator:

For online registration visit 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. Indicate “2018 Blast Course” on draft.

For accommodation information visit www.carleton.ca/conferenceservices/ www.ottawahotels.com

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