

Technology Solutions for the Workplace

INQUIRIES:

Course details:

rrc.ca/techsolutions

Course specific inquiries:

techsolutions@rrc.ca
204.632.2942

Subscribe to our blog:

rrc.ca/tsnews

Please place Course Code on the Registration form AND include if you are GST exempt

Course description:

Participants will review how to evaluate loads on building structures, based on the Limit State Design Philosophy and the National Building Code of Canada. Participants will also learn how to design reinforced concrete beams and slabs for flexure, shear and deflections, short reinforced columns for axial load and eccentricity and footing foundations according to the CSA Standard A23.3-04.

The course is delivered through guided problem solving. At the end of each day, participants will be required to read assigned portions from a course compendium of notes that are provided. A set of six assessments is completed during class time, and concluded with an exam on the last day.

Prior learning:

- Statics & strength of Materials
- Basic Structural Analysis

Benefits:

Successful participants will gain knowledge in structural behavior and design of reinforced concrete structures to effectively communicate with and/or assist engineers and other consultants.

Who should attend?

Technologists, Project Managers, Detailers involved in construction of buildings and other frame structures

Course Dates and Costs:

Dates: May 29-June 1, 2018

Times: Daily from 8 am – 4pm

Cost: \$750

Course Code: CMDP - 2016

Location: Red River College, Notre Dame Campus

Registration deadline: April 23, 2018