Civil Engineering Technology

Technology Solutions for the Workplace

Materials and Methods (Bridging)

INSTRUCTOR

Adam Ding

Adam Ding has been an instructor with Red River College since January 2010. Prior to that, he had extensive experience in planning, estimating and managing a variety of commercial, institutional, residential, heavy/civil, and infrastructure projects.

He holds a Master's degree in Building Construction from Auburn University, a Project Management Professional certificate from Project Management Institute, a Professional Quantity Surveying diploma from Canadian Institute of Quantity Surveyors, a Gold Seal certificate from Canadian Construction Association, a LEED AP (BD+C) certificate from Green Building Certification Institute and a Competent Communicator certificate from Toastmaster International.

INQUIRIES:

Course:

Tammy Harper
204-632-2942
tvharper@rrc.ca

Registration:

Louise Wood
204-632-3017
lowood@rrc.ca

Online Info:

www.rrc.ca/techsolutions

Subscribe

To our Monthly Newsletter of upcoming courses

www.rrc.ca/tsnews

Course description:

This short yet intensive course introduces the students to the principles of how structures are built with an emphasis on commercial, institutional and industrial buildings. It provides an overview of the major systems of a building from foundation up, how each is constructed, and how each is influenced by its relationship to other systems (e.g. concrete, masonry, steel, wood structural systems, thermal/moisture protection, and interior finishes). Following the latest new MasterFormat 2004, the materials, methods, and techniques used in construction are also discussed. A set of project drawings/specs is used for class learning purpose.

The evaluation will be comprised of three parts: daily class participation, a take-home exam and an open-book skill test on the Friday.

Prior learning requirements:

- Diploma in a related field

Benefits:

Better knowledge of commercial building construction as well as project documents, MasterFormat 2004 and relationship among construction trades.

Who should attend?

Individuals who wish to work in the commercial building sector and/or want to have a fundamental understanding of construction documents.

Course Dates and Costs:

Dates: May 30-June 3, 2016
Times: Daily from 8 am to 4 pm
Cost: RRC Students - $300, Industry Clients - $500
Location: Red River College, Notre Dame Campus
Registration deadline: April 29, 2016

RED RIVER COLLEGE