



COURSE DESCRIPTIONS

BUILDING CODE COMPLIANCE FOR CONSTRUCTION SUPERVISORS

A vital tool to understanding the Ontario Building Code Act and regulations of the Ontario Building Code (with an emphasis on parts 1, 2 and, 3), as well as comprehending Code compliance fundamentals, including statute law in Ontario, permit and inspection process, roles and responsibilities for Code implementation, occupancy procedures, reports and records, this course is increasingly being used by industry professionals who are looking to grow within the construction industry. Participants of this CCA Gold Seal-approved course include current and future construction site supervisors and forepersons as well as architects, engineers, members of OCET/AATO, developers, building and fire department inspectors, plan reviewers, and other Building Code enforcement employees. In addition, those participants who complete the course with an attendance record at, or above 80% receive certification of course completion. (30 hours)

MANAGEMENT FOR CONSTRUCTION SUPERINTENDENTS

Re-developed specifically for general contracting superintendents, this course emphasizes how to apply management principles that are important to the daily operation of a construction project. This course will specifically help participants to develop the managerial skills required to maximize effective results and profitable performance on the job. (30 hours)

PROJECT CONTROL AND ADMINISTRATION

This course offers participants the opportunity to develop their understanding of project control and to identify its relationship to performance, productivity, and profit. With an emphasis on managerial approaches to time, money, human resources, services, and paper, this course also provides students with a detailed understanding of contract changes, contract extras, contract back-charges, deliveries, accounting procedures, time keeping, records, and budget control. (30 hours)

CONSTRUCTION LAW

Designed to provide students with a foundation to understand contractual rights and obligations, specifically related to construction project performance and provincial legislation, this course is ideal for current and future professionals that want to advance their knowledge of construction law. Specific focus will be placed on such topics as contract documents, clause interpretation, court cases, by-laws, building codes, legal terms, the Construction Lien Act, dispute case studies as well as provide tools to help professionals avoid potential legal problems. (30 hours)

FUNDAMENTALS OF CONCRETE TECHNOLOGY

The OGCA and RMCAO are pleased to announce the development of this new course which focuses on advanced concrete construction issues. This course is designed to educate project managers, project engineers, superintendents and foremen on the fundamental properties of ready mixed concrete. It also focuses on the fundamentals of ready mixed concrete design, production, transportation, placement, consolidation, finishing, curing and performance evaluation. Prerequisites: Familiarity with concrete specifications and standards (CSA A23.1/2.), construction and evaluation on commercial projects. (30 hours)

STEEL CONSTRUCTION

This program will provide the student with sufficient training to ensure they have a basic knowledge of the Structural Steel and Metal Industry with respect to building construction operations, with particular reference to their responsibility as Superintendents for General Contractors. (30 hours)

RISK MANAGEMENT FOR CONTRACTORS

This course is designed to cover one of the most critical challenges in the construction industry – risk management. Students will gain an understanding of the various risk categories (legal, contractual, physical, environmental, financial, and personnel) as well as dispute resolution, a vital factor any current, or future construction professional must understand. Conducted by qualified instructors with years of industry experience, the course material is also supported through a detailed reference text that contains a host of Canadian construction case studies that will encourage class discussion. (30 hours)

MANAGING HUMAN RESOURCES FOR CONTRACTORS

With an emphasis on practical content for today's construction managers, this course provides students with industry-specific information on such topics as employment law, labour relations, and computers in the workplace. The course will also be examining such vital content as recruiting, training, hiring, and compensating personnel. (30 hours)

COST CONTROL FOR CONTRACTORS

An important tool for today's construction managers who want to understand cost control systems and how to estimate and monitor project profit, this course will examine the exposure to, and management of, construction industry costs. Designed for general and trade contractors in the industrial, commercial, and institutional sectors of the construction industry, this course reviews the rationale behind, and basic principles of, cost control and examines organizational formats, computer programs, inter-company communication, accurate feedback, and uses of costing data. (30 hours)

PLANNING AND SCHEDULING FOR CONTRACTORS

Designed to give participants an understanding of the potential for improved planning and scheduling skills, this course examines basic principles, bar charts manpower curves, critical path techniques, and computer tool and printouts. (30 hours)

LEADERSHIP ON THE JOB SITE

The Goal of a Superintendent must be to pull all of the elements of the job-site together to get a project completed on time and within budget. Many Site Superintendents and other people in a leadership role at job-sites have a wide variety of construction skills, but one thing they have never been trained to do is lead a group of people effectively. This course will help your people develop the skills needed to set and achieve personal goals, motivate workers, trades and professionals, communicate effectively, develop teamwork, resolve conflicts, manage stress and much more. (30 hours)

CONSTRUCTION CLAIMS MANAGEMENT COURSE

This course is designed to enhance the ability of staff at all levels in the general contractor's organization to deal effectively with construction claims. Whether your challenge is to convince an owner of your entitlement to recovery of additional costs on a project, or to negotiate a claim for extra cost from a subcontractor, this course will provide you the information required to achieve a successful outcome. (30 hours)

HEALTH AND SAFETY RISK MANAGEMENT FOR GENERAL CONTRACTORS

This 1 week course, designed by Norm Keith, B.A. LL.B., CRSP a leading employment and labour lawyer and author of Canadian Health & Safety Law & how to achieve due diligence. The course will give students the tools to establish and improve company health and safety programs, to monitor them, and to minimize corporate costs and exposures to personal and corporate liability.

MOULD GUIDELINES FOR THE CANADIAN CONSTRUCTION INDUSTRY SEMINAR

This course, developed by the Canadian Construction Association, will be instructed by Bruce Stewart, B. Sc., CIH, ROH, Vice President of Pinchin Environmental, a national environmental health and safety consulting firm. Mr. Stewart specializes in the assessment and control of health hazards in general use buildings, particularly indoor air quality, mould contamination, asbestos and lead.
(Full day seminar)

LEED FOR CONSTRUCTION

This ½ day seminar introduces the LEED rating system and sustainable design issues that affect general and trade contractors, manufacturers and suppliers. It provides tips on construction waste management, commissioning green buildings, managing a sustainable construction site and what materials to choose and why. If you are Senior Construction Management, Project Manager/Coordinator, Estimator for General and Trade Contractors, Sub-Contractors and the list goes on you should attend this seminar. (Can be taken via virtual classroom)

Ministry of Municipal Affairs and Housing Courses –Prerequisite for OGCA Members only Building Code Course

- An Introduction to Property Standards Enforcement (1 credit)
- Basic Plan Examination (5 credits)
- Building Plumbing Inspection (5 credits)
- Building Science Applications(5 credits)
- Intermediate Plumbing (5 credits)
- Introduction to Building Science (5 credits)
- Large Buildings Classification and Construction (5 credits)
- Large Building Health and Safety Requirements (5 credits)
- Part 3 Fire Protection (5 credits)
- Part 3 Fire Rated Building Materials and Assemblies(5 credits)
- Part 3 Life Safety Systems (5 credits)
- Part 8 On Site Sewage System (
- Part 9 Building Envelope Index (5 credits)
- Part 9 Building Structural Requirements (5 credits)
- Part 9 Buildings HVAC and Fire Protection (5 credits)
- Part 9 Footing Design (1 credit)
- Part 9 The House – Health and Safety (5 credits)
- Parts 10 & 11 Buildings Renovations and Change of Use (5 credits)
- Plan Examination Strategies (5 credits)
- Soil Mechanics (1 credit)
- Water Supply and Waste Disposal (5 credits)
- Wood Heat Safety (5 credits)