

# Construction e-Learning Centre

INDUSTRY-DEVELOPED, INDUSTRY-APPROVED TRAINING INNOVATIONS

Course description

## Introduction to BIM (Building Information Modeling)

### SUMMARY

As an emerging technology, Building Information Modeling (BIM) is generating a lot of buzz in the construction industry. This course provides an overview of how this technology positively impacts the construction process.

### DESCRIPTION

As Building Information Modeling (BIM) is adopted by more and more companies in the construction industry, its usefulness has expanded beyond the original design phase activities. This course positions BIM in the context of all phases of construction, illustrating how to maximize BIM as a tool for the entire construction team. You will see how BIM fits into the construction workflow. It introduces the BIM philosophy in design, bidding, construction, commissioning, delivery and as-built stages of construction.

### OBJECTIVES

After completing this course, you will:

- Know what BIM is
- Understand the full potential of BIM technology
- Understand the philosophy behind BIM
- Be aware of how BIM can assist at all stages of a construction project
- Appreciate existing and potential new uses for BIM
- See the value of new technologies such as BIM

### AUDIENCE

This course is intended for employers, management, supervisors, foremen and tradespeople working in construction in any part of the country, in any sector

(residential, industrial, commercial, institutional, pipeline, civil).

### COURSE LENGTH

The course duration is approximately 2 hours.

### AVAILABLE FORMATS

This course is available online in English and French.

### CREDITS/CERTIFICATES

This course has been accredited by the Canadian Construction Association (CCA) for one (1) credit toward Gold Seal Certification. This course is an awareness raising tool. A certificate is given upon completion.



### HOW TO ENROLL

You will require a PIN # prior to registering for this course. Please contact your local distributor to obtain your PIN # and cost information. Distributors can be located on the Construction e-Learning Centre website at <http://elearning.buildforce.ca>.