BC Building Code Level 3

This is a self-paced online course consisting of 15 Modules, you are required to pass the quiz at the end of each module with a minimum of 80%. This course takes approximately 12.5 hours to complete.

LEVEL 3 – Course Modules

Module 1: Introduction – Large and Complex Buildings

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module we introduce you to the overall program as well as the basics of structural design requirements for large and complex buildings.

Module 2: Building Classification and Construction Type, Flame Spread, and Smoke Development

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce you to building classification and construction type, flame spread, and smoke development. Subsections 3.1.2 through 3.1.17. of the BCBC are touched on in this module.

It is expected that you already have a good understanding of the BC Building Code, its structure, and how to navigate the Volumes, Parts, and Sections of the Code.

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Module 3: Fire Performance Ratings

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we will introduce you to Fire Performance Ratings. We'll touch on Appendix D to Division B of the BCBC in this module.

Module 4: Fire Safety - Passive Elements

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce you to the passive elements of Fire Safety.

Module 5: Fire Safety - Active Elements

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce you to the active elements of Fire Safety.

Module 6: Safety Within Floor Areas and Accessibility

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce safety within floor areas and accessibility – Sections 3.3. and 3.8.

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Module 7: Exits

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce exits - Section 3.4.

Module 8: Vertical Transportation, Service Facilities, and Environmental Separation

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce vertical transportation, service facilities, and environmental separation - Sections 3.5., 3.6., and Part 5.

Module 9: Health Requirements and Accessibility

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce health requirements and accessibility - Sections 3.7. and 3.8.

Module 10: Tents and Air-Supported Structures, and Multiple-Tenant Self-Storage Warehouses

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce tents, air-supported structures, and multiple-tenant self-storage warehouses – Subsection 3.1.6. and Article 3.3.5.9.

Module 11: Alternative Solutions, Renovations, and Relocated Buildings

This module has been designed to enhance your knowledge of the BC Building Code

by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce alternative solutions, renovations, and relocated buildings.

Module 12: Structural Design, HVAC, Plumbing, Safety Measures at Construction and Demolition Sites, and Housing

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce Structural Design (Part 4), HVAC (Part 6), Plumbing, Safety Measures at Construction and Demolition Sites (Part 8), and Housing (Part 9 as referenced by Part 3).

Module 13: Additional Requirements for High Buildings

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce additional requirements related to high buildings – Subsection 3.2.6.

Module 14: Fire Safety in High Buildings – Notes to 3.2.6.

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce fire safety related to high buildings – Notes to Subsection 3.2.6.

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Module 15: Mezzanines and Openings through Floor Assemblies and Interconnected Floor Spaces

This module has been designed to enhance your knowledge of the BC Building Code by helping you interpret and implement the principles of the Code with respect to large and complex buildings. During this module, we introduce mezzanines and openings through floor assemblies and interconnected floor spaces. We will cover Articles 3.2.8.1., and 3.2.8.3. to 3.2.8.8.