

*Building Officials Association of British Columbia*

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*Promoting Building & Plumbing Safety and Professionalism*

**LEVEL 1 – Course Modules**

**Module 1: Introduction & Basics of Structural Design Requirements**

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 houses. During this module we introduce you to the overall program as well as the basics of structural design requirements for houses.

**Module 2: Egress, Stairs, Ramps, Handrails, and Guards**

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 houses. This module covers Sections 9.8 and 9.9. of the 2018 BC Building Code. During this module we'll introduce you to the concepts of means of egress, stairs, ramps, handrails, and guards.

**Module 3: Fire Protection**

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 houses. This module is split into six separate modules. Each module will take approximately 30 to 45 minutes to complete. Each module has several lessons with a grade quiz at the end of the sixth module.

**Module 4: Sound Control**

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 houses. This module covers Subsection 9.11.1. of the 2018 BC Building Code. During this module we'll introduce you to the basics of sound control.

**Module 5: Excavation**

This module introduces you to Excavation as it applies to houses. This module covers Subsection 9.12.1. through 9.12.4. of the BC Building Code.

## **Module 6: Dampproofing, Waterproofing, and Soil Gas Control**

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 houses. This module covers Subsections 9.13.1., 9.13.2. 9.13.3., and 9.13.4. of the 2018 BC Building Code. During this module we'll introduce you to the concepts of dampproofing, waterproofing, and soil gas control.

## **Module 7: Drainage**

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 houses. This module covers certain Subsections of Section 9.14. of the 2018 BC Building Code. During this module we'll introduce you to the basics of drainage.

## **Module 8: Footings and Foundations**

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 houses. This module introduces you to the basics of footings and foundations.

## **Module 9: Roof 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 houses. This module discusses roof spaces. During this module we'll introduce you to the concepts of venting and roof access.

## **Module 10: Masonry and ICF Construction**

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 houses. During this module we'll introduce you to the concepts related to masonry and flat insulating concrete form walls.

## **Module 11: Wood Frame Construction**

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 houses. During this module we'll introduce you to the concepts related to wood frame construction.

## Module 12: Heat Transfer and Energy Efficiency

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 houses. This module is split into two topics. The first is related to heat transfer, air leakage, and condensation control. The second is all about energy efficiency.

## Module 13: Secondary Suites

This module introduces you to Section 9.37., the basics of secondary suites as they relate to houses.



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