

## Building Codes and Standards - BC

EXAM ID	CATEGORY	STATE	TYPE	CODE YEAR
BC	Certified Building Official	National/All	National Certification	2018 ▾

- [INFO](#)
- [OUTLINE](#)

### SCOPE

The Building Codes and Standards module is one of three examinations required for candidates pursuing a Certified Building Official combination designation. To obtain the CBO, you will need to also pass the Legal module (MG) exam and the Management module (MM) exam.

**NOTE:** You have 18 months to fulfill the exam requirements to achieve this designation.

The Certified Building Official is responsible for the development, administration, interpretation, application, and enforcement of the codes adopted by their jurisdiction. They will be able to manage their department's budget and the certification and training of inspection staff. They will have an understanding of laws and regulations pertaining to human resources. They will have a thorough knowledge of customer service, develop and maintain effective relationships with all client groups, and be able to effectively communicate with contractors, homeowners, subordinates, superiors, news media, elected officials, and civic organizations.

The Certified Building Official shall be responsible for development and implementation of programs that provide for the review and inspections of all occupancies for, but not limited to, fire and life safety, interior finish, occupancy type, height and area limitations, construction type, and general fire safety, in accordance with Codes and Standards adopted by their respective jurisdictions. The Certified Building Official shall also develop and implement programs for plan review, permitting and enforcement to ensure compliance with adopted Codes and Standards.

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### REFERENCES

2018 International Building Code® (Soft Cover)	\$174.00
2018 International Residential Code® (Soft Cover)	\$170.00
2018 International Plumbing Code® (Soft Cover)	\$106.00
2018 International Mechanical Code® (Soft Cover)	\$106.00
2018 International Fire Code® (Soft Cover)	\$139.00
2018 International Energy Conservation Code® (Soft Cover)	\$59.25
ICC A117.1-2009 Accessible and Usable Buildings and Facilities	\$48.95
NFPA 70: National Electrical (NEC) 2017	
2018 Special Inspection Manual*	
2012 Special Inspection Manual*	

\*You may bring either the 2018 OR 2012 edition of the Special Inspection Manual for this exam.

NOTE: any copyrighted, bound book may be used at a test site. Exam questions will only come from the listed approved references, and exam appeals may only be based on the listed approved references.

QUESTIONS 80

TIME LIMIT 2:00 Hours

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#### AVAILABLE METHODS

Proctored Online Testing

\$190.00

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#### **Architectural Plan Review**

**31%**

Use and Occupancy Classification

Determine use and occupancy classification of structures for building code compliance.

4%

Construction Classification

Determine required construction classification for code compliance.

4%

Means of Egress Provisions

Determine compliance of the means of egress provisions of the structure with the building code.

6%

Light, Ventilation, and Sanitation Provisions

3%

## **Architectural Plan Review**

**31%**

Determine compliance with light, ventilation, and sanitation provisions of the structure with the building code.

### **Fire Resistance and Fire Protection Provisions**

Determine compliance with fire resistance provisions of the structure with the building code. Determine compliance with fire protection provisions for the structure with the building code. **5%**

### **Accessibility Provisions**

Determine compliance with provisions for accessibility for the structure with the building code. **5%**

### **Environmental and Natural Hazard Provisions**

Determine location for risk of, floodplain, seismic, wind, and snow of the structure with the building code. **2%**

### **Special Use/Occupancy Provisions**

Determine compliance with special use occupancy provisions of the structure with the building code. **2%**

## **Structural Plan Review**

**13%**

### **Structural Provisions**

Evaluate building elements for compliance with required structural loads including wind, seismic, soil bearing capacity, and snow loads. **8%**

### **Material Standards and Construction Methods**

Determine compliance for building materials and required methods of construction. **5%**

## **Building Systems Plan Review**

**19%**

### **Mechanical Provisions**

Determine compliance with the mechanical and fuel gas code. **4%**

### **Plumbing Provisions**

Determine compliance with the plumbing code. **4%**

### **Electrical Provisions**

Determine compliance with the electrical code. **4%**

### **Fuel Gas Provisions**

**4%**

<b>Architectural Plan Review</b>	<b>31%</b>
Determine compliance with the fuel gas code. Energy Provisions	3%
Determine compliance with the energy code.	
<b>Field Inspection</b>	<b>37%</b>
Site Inspection	
Evaluate site for soil conditions, excavation, and public protection with the code and approved plans.	2%
Foundation Inspection	
Evaluate footings and foundations with the code and approved plans.	4%
Structural Frame Inspection	
Evaluate structural frame with the code and approved plans.	4%
Building Envelope Inspection	
Evaluate building envelope, insulation, and finishes with the code and approved plans.	2%
Electrical Inspection	
Evaluate electrical installation with the code and approved plans.	5%
Plumbing Inspection	
Evaluation plumbing installation with the code and approved plans.	5%
Mechanical Inspection	
Evaluate mechanical installation with the code and approved plans.	4%
Fire Protection Inspection	
Evaluate fire protection, smoke control, suppression, and alarm systems with the code and approved plans.	4%
Final Building Inspection	
Evaluate the completed structure and systems with the code and approved plans.	4%
Special Inspection	
Evaluate the project for compliance with special inspection requirements.	3%

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