



Building Inspection Technology Certificate of Achievement

This program prepares individuals for employment in building inspection. Contractors, government agencies, architects, finance companies and developers may employ graduates. A wide variety of employment opportunities exist in the fast-growing construction industry in the Sacramento Valley.

SUGGESTED PROGRAM COURSE SCHEDULE

SEMESTER 1

12 UNITS

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
BIT 101 Intro to the International Residential Code	3		Rotating odd F then S (e.g., F17, S19, F21, S23)	
BIT 112 Building Inspection Principles for Disabled Access	3	Advisory: BIT 100	F	
BIT 120 Mechanical I/Plumbing Code	3	Advisory: CMT 300	F(even yr)	
3 units from List A	3		See List A	See List A

SEMESTER 2

12 UNITS

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
BIT 100 Intro to the International Business Code	3		S(even yr)	
CMT 310 Materials of Construction	3	Advisory: CMT 300	F(O), S(O)	
3 units from List A	3		See List A	See List A
3 units from List A	3		See List A	See List A

[^]You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (H) = hybrid available

Career Options/Outlook:

Construction & Building Inspectors inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general in nature or may be limited to a specific area, such as electrical systems or plumbing.

A sample of reported job titles:

Building Code Administrator, Building Inspection Engineer, Building Inspector, Building Official, Combination Building Inspector, Construction Inspector, Construction Materials Testing Technician, Elevator Inspector, Inspector, Plumbing Inspector

Projected job opening in California (2018-2028):

1,420

Projected growth in California:

Faster than average (+10%)

Salary in California:

Median wage (2018): \$89,740/yr

Source:

<https://www.onetonline.org/link/summary/47-4011.00>

SEMESTER 3

9 UNITS

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
BIT 121 Mechanical II/ H.V.A.C. Code Requirements	3	Advisory: CMT 300	Rotating odd F then S (e.g., F17, S19, F21, S23)	
BIT 140 Electrical I	3	Advisory: BIT 100	F(even yr)	
3 units from List A	3		See List A	See List A

[^]You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (H) = hybrid available

List A-Select a minimum of 12 units from the following:

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
BIT 102 Reading Non-Structural Plan Review	3	Advisory: ADT 300 & BIT 100	Check Class Schedule for Offering	
BIT 104 International Building Code-Fire & Life Safety	3	Advisory: BIT 100 & CMT 300	S(even year)	
BIT 106 Intro to Special Inspection-Concrete, Masonry, Steel, & Soils	3		S(odd year)	
BIT 130 Intro to Inspection of Wood Frame	3		S(even year)	
BIT 141 Electrical II	3	Advisory: BIT 140	S	
BIT 150 California Energy Code- Building Energy Efficiency Standards	3		F(even year)	
BIT 152 HERS I, Field Verification & Diagnostic Testing for Code Compliance	3	Advisory: BIT 150	Check Class Schedule for Offering	
BIT 154 California Green Building Standards Code	3		S(even year)	

Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.