

Building Inspection Technology

Department of Construction Technologies

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Advisory Committee: Chuck Hugo, Provo City Building Official; Bill Bell, Building Safety Division Manager; Donna Jackson, Midvale City Building Official; Gilbert Gonzales, Murray City Assistant Building Official; Dave Johnson, Public Works Director/Building Official.

School of Technology and Computing

Interim Dean: Ernest Carey
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CAREER OPPORTUNITIES

Graduates of this program will be better equipped to find employment in building inspection, building construction, and construction supervision. In addition, this curriculum will provide supporting instruction for those students in the construction trades as well as architectural and engineering drafting programs.

PROGRAMS

Students may earn a One-Year Certificate, an Associate in Applied Science Degree, or a Bachelor of Science Degree in Technology Management.

Reminder: an overall grade point average of 2.0 (C) or above is required for graduation.

Certificate in Building Inspection Technology **30 CREDITS**

Discipline Core Requirements:		30 Credits
• COMM 2110	Interpersonal Communication	3.0
• BIT 1010	Building Codes	3.0
• BIT 1170	Field Lab--Building Codes	1.0
• BIT 1240	Plumbing Codes	3.0
• BIT 1330	Mechanical Codes	3.0
• BIT 1340	Electrical Codes	3.0
• BIT 1380	Ride-Along Lab	1.0
• BCCM 1110	Principles of Residential Framing	3.0
• BCCM 1120	Blueprint Reading	2.0
• BCCM 1130	Concrete and Masonry	1.0
• BCCM 1150	Building Construction Safety	1.0
• BCCM 1160	Stair Design and Construction	1.0
• BCCM 1240	Roof Framing	2.0
• FSO 2030	Fire Inspector I	3.0

AAS in Building Inspection Technology **63 CREDITS**

General Education Requirements:		16 Credits
• BCCM 1150	Building Construction Safety	1.0
• COMM 1020	Public Speaking	3.0
• COMM 2110	Interpersonal Communication	3.0
• EGDT 1600	Technical Math--Algebra	3.0
or MATH 1050	College Algebra (4.0)	
• ENGL 1010	Introduction to Writing	3.0
• Biology/Physical Science		3.0
Discipline Core Requirements:		47 Credits
• BIT 1010	Building Codes	3.0
• BIT 1170	Field Lab--Building Codes	1.0
• BIT 1230	Plan Review	3.0
• BIT 1240	Plumbing Codes	3.0
• BIT 1330	Mechanical Codes	3.0
• BIT 1340	Electrical Codes	3.0
• BIT 1380	Ride-Along Lab	1.0
• BCCM 1110	Principles of Residential Framing	3.0
• BCCM 1120	Blueprint Reading	2.0
• BCCM 1130	Concrete and Masonry	1.0
• BCCM 1160	Stair Design and Construction	1.0
• BCCM 1190	Framing and Concrete Lab	5.0
• BCCM 1240	Roof Framing	2.0
• EGDT 1040	Computer Aided Drafting--AutoCAD	3.0
• EGDT 1400	Surveying	4.0
• FSO 2030	Fire Inspector I	3.0
• DGM 2010	Business Computer Proficiency	3.0
• MGMT 1250	Principles of Leadership	3.0

Graduation Requirements:	
1	Completion of a minimum of 63 semester credits.
2	Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)
3	Residency hours--minimum of 20 credit hours through course attendance at UVSC.
4	Completion of GE and specified departmental requirements.

BS in Technology Management **124 CREDITS**

The following Technical Area is available (see the Technology Management section of this catalog for complete degree requirement listings.)

Specialization in Building Inspection Technology **45 Credits**

Emphasis Requirements:		45.0
• BIT 1010	Building Codes	3.0
• BIT 1170	Field Lab--Building Codes	1.0
• BIT 1230	Plan Review	3.0
• BIT 1240	Plumbing Codes	3.0
• BIT 1330	Mechanical Codes	3.0
• BIT 1340	Electrical Codes	3.0
• BIT 1380	Ride-Along Lab	1.0
• BCCM 1110	Principles of Residential Framing	3.0
• BCCM 1120	Blueprint Reading	2.0
• BCCM 1130	Concrete and Masonry	1.0
• BCCM 1150	Building Construction Safety	1.0

• BCCM 1160	Stair Design and Construction	1.0
• BCCM 1190	Framing and Concrete Lab	5.0
• BCCM 1240	Roof Framing	2.0
• EGDT 1040	Computer Aided Drafting--AutoCAD	3.0
• EGDT 1400	Surveying	4.0
• EGDT 1600	Technical Math--Algebra	3.0
• FSO 2030	Fire Inspector I	3.0

Due to the technical nature of the material in the BIT courses, additional reading and math instruction may be required. More information will be given during advisement.

See Course Descriptions section of the catalog for detailed course information. This department manages the following course prefixes:

- ACRT, Air Conditioning and Refrigeration Technology
- BCCM, Building Construction and Construction Management
- BIT, Building Inspection Technology
- CAW, Cabinetry and Architectural Woodworking
- FAC, Facilities Management
- LINE, Lineman Technology
- WELD, Welding Technology