

Building Inspection Technology

Department of Construction Technologies

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Advisory Committee: Quinn Davis, Wasatch County 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.

College of Technology and Computing

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 29 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 1150	Building Construction Safety	1.0
• BCCM 1240	Roofs Stairs and Specialty Framing	3.0
• ESFO 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 1040	Introduction to Statistics (required for BS in Technology Management) (3.0) *	
• ENGL 1010	Introduction to Writing	3.0
• PHSC 1000	Survey of Physical Science (recommended for Biology/Physical Science requirement)	3.0

Discipline Core Requirements:		53 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 1190	Framing and Concrete Lab	5.0
• BCCM 1240	Roofs Stairs and Specialty Framing	3.0
• EGDT 1020	3D Architectural Modeling	3.0
• EGDT 1400	Surveying	4.0
• ESFO 2030	Fire Inspector I	3.0
• DGM 2010	Business Computer Proficiency	3.0
• CMGT 1010	Introduction to Construction Management	3.0
• CMGT 1020	Construction Materials and Methods I	4.0
• 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 UVU.

Footnotes:

- * Must be completed with a grade of C- or better.

BS in

Technology Management 125 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 1150	Building Construction Safety	1.0
• BCCM 1190	Framing and Concrete Lab	5.0
• BCCM 1240	Roofs Stairs and Specialty Framing	3.0
• BCCM 299R	Skills USA (1.0)	1.0

Building Inspection Technology

• EGDT 1020	3D Architectural Modeling	3.0
• EGDT 1400	Surveying	4.0
• EGDT 1600	Technical Math--Algebra	3.0
• ESFO 2030	Fire Inspector I	3.0

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