

Course Descriptions

BIT—BUILDING INSPECTION TECHNOLOGY

BIT 1010

Building Codes

3:3:0 Su, F, Sp; DE

Teaches the nonstructural standards of the Uniform Building Code. Includes occupancy classifications, building area, height and location limits, exit requirements, and fire-resistive standards.

BIT 1020

Residential Codes

3:3:0 F, Sp

Teaches the nonstructural standards of the International Residential Code. Includes foundations, walls, floors, roofs, finishes, heating, cooling, plumbing and electrical codes as they apply to residential construction.

BIT 1170

Field Lab--Building Codes

1:0:3 Su, F, Sp

For students, building inspectors, architects, and builders. Provides practical on-the-job experience in inspecting footings, foundation walls, reinforcement steel, the building structure, and interior and exterior coverings.

BIT 1230

Plan Review

3:3:0 F, Sp

• Prerequisite(s): BIT 1010 or instructor's approval.
Designed to introduce students to the techniques of nonstructural plans examination through familiarization of the plan and construction documents, specifications, and the application of code requirements.

BIT 1240

Plumbing Codes

3:3:0 Su, F, Sp; DE

A comprehensive study of plumbing code requirements relating to the principles of plumbing design, materials, installation standards, water and gas distribution systems, storm and sanitary sewer systems, water heaters, and mobile home connections.

BIT 1330

Mechanical Codes

3:3:0 Su, F, Sp; DE

This is a comprehensive course which covers the entire Uniform Mechanical Code. Students will gain a working knowledge of requirements for mechanical systems, including heating, cooling, ducts, ventilation, refrigeration, kitchen hood and ducts, fuel-gas piping, appliance venting, combustion air, and related requirements.

BIT 1340

Electrical Codes

3:3:0 Su, F, Sp; DE

Studies the National Electrical Code in its entirety. Covers electrical wiring systems,

methods, electrical equipment, special occupancies, special equipment, special conditions, and communication systems.

BIT 1380

Ride-Along Lab

1:0:3 Su, F, Sp

For students, building inspectors, architects, and builders. Students will accompany a building inspector as he or she conducts on-the-job inspections. There will be a rotation system established to give students experience in a variety of jurisdictions. This class is for fourth-semester students only.

BIT 281R

Cooperative Work Experience

1 to 8:0:5 to 40 F, Sp

• Corequisite(s): BIT 285R the first time only
For Building Inspection Technology majors. Provides paid, on-the-job work experience in the student's major. Work experience, the correlated class, and enrollment are coordinated by the Cooperative Coordinator. Includes student, employer, and coordinator evaluations, on-site work visits, written assignments, and oral presentations. Provides experience in writing and completing individualized work objectives that improve present work performance. Take up to 16 credits total between BIT 281R and BIT 285R.

BIT 285R

Cooperative Correlated Class

1:1:0 F, Sp

• Corequisite(s): BIT 281R the first time only
For Building Inspection Technology Majors. Identifies on-the-job problems and provides remediation of those problems through in-class discussion and study. Includes the study of identifying and maximizing service opportunities. Students register for this class with approval of the Cooperative Coordinator. Includes lecture, guest speakers, video tapes, role playing, case analysis, oral presentations, and written assignments. Completers should be better able to perform in their field of work or study. Take up to 16 credits total between BIT 281R and BIT 285R.

BMED—BUSINESS/MARKETING EDUCATION

BMED 3700

Principles of Business/Marketing Education

3:3:0 F

• Prerequisite(s): Admittance into the secondary teacher education program, EDSC 2540, EDSC 3000; or instructor approval
Provides background and foundation of business/marketing teacher education for students seeking a secondary education degree. Includes curriculum standards, competency-based instruction and assessment, student achievement, textbook selection, exploring available resources, equipment selection and management, and establishing

classroom procedures. Explores student organizations, professional associations, advisory committees, relationships with colleagues, and dealing with various publics and stakeholders. Addresses career and technical education, current research, issues and trends in business and marketing education, teacher growth and development, professionalism and career development. Field experience required.

BMED 4200

Methods of Teaching Digital Technology

3:3:1 Sp

• Prerequisite(s): BMED 3700, DGM 2350, DGM 2360, DGM 2370, DGM 3820, EDSC 3000

Provides instructional strategies for teaching keyboarding and computer applications.

BMED 4250

Methods of Teaching Business and Marketing

3:3:1 F

• Prerequisite(s): ACC 2010, BMED 3700, EDSC 3000, LEGL 3000, MGMT 2200, ECON 2020, MGMT 3600

Provides an opportunity for prospective teachers to become facilitators of learning specifically by planning, developing, delivering, and evaluating basic business and marketing curriculum.

BMED 4900

Business/Marketing Student Teaching Seminar

2:2:0 F, Sp

• Prerequisite(s): BMED 4200, BMED 4250, and Admission to Professional Education Program
• Corequisite(s): EDSC 4850

Discusses the student teaching environment as experienced by the students as they perform teaching responsibilities. Allows the student to draw on the experiences of other students in the class, resource people, and the seminar leader. Offered credit/no-credit.

BOT—BOTANY

BOT 2050

Field Botany

3:2:3 F

• Prerequisite(s): None, BIOL 1010 or BOT 2400 recommended; also, an assessment DRP score of at least 77 is strongly recommended

For biology majors and non-majors.

Covers the classification, identification, and ecology of woody plants with an emphasis on native trees and shrubs. Students completing the course should be able to identify common trees and shrubs native to Utah. Includes field trips and laboratory work. Student plant collection required.

BOT 2100

Flora of Utah

3:2:3 Su

• Prerequisite(s): None, BIOL 1010 is recommended
A vascular plant taxonomy course for intended botany and biology majors or anyone interested in learning about plants native to Utah. Covers the principles of