

# BCT-BUILDING CONSTRUCTION TRADES

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**BCT 2743 Building Construction Law, Codes and Specs (3 Credits )**

This course will introduce students to the practical aspects of construction law. Focus is on the office management duties associated with bidding, contract administration, project specifications, purchase order terms, construction insurance and bonding, and alternative dispute resolution. This course examines licensing requirements by regulatory agencies, and the current edition of the standard building code and other regulations applicable to construction.

**Prerequisite:** C or higher in BCN 1001 (May be taken as a corequisite)

**BCT 2770 Construction Estimating and Accounting (3 Credits )**

This course introduces the fundamentals of the estimating process for construction projects. Topics include the work breakdown structure (WBS); extraction of quantities (quantity take-offs) such as area, volume, weight, etc., from construction documents; analysis and determination of direct and indirect costs; the uses of unit cost databases; bidding process; project delivery methods; and types of estimates. This course introduces construction accounting and the procedures for builders and contractors to establish and maintain a financial record keeping system. Computer-based construction estimating software will be introduced.

**Prerequisite:** C or higher in BCN 1001 (May be taken as a corequisite)