

BUILDING CONSTRUCTION TRADES (BCT)

BCT 1743 Building Construction Law (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 and purchase order terms, licensing in construction, construction insurance and bonding, contract administration, and dispute resolution.

BCT 2770 Estimating Fundamentals (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. Computer-based construction estimating software will be introduced.