

Virginia Western Community College
BLD 101
Construction Management I

Prerequisites

None.

Course Description

Presents overviews of all phases of construction project management. Introduces students to philosophy, responsibilities, methodology, and techniques of the construction process. Introduces topics related to the construction and design industries, organizations, construction contracts, bidding procedures, insurance, taxes, bonding, cost accounting, business methods, including basic computer usage, safety and general project management procedures.

Semester Credits: 3 Lecture Hours: 3 Lab/Clinical/Internship Hours: 0

Required Materials**Textbook:**

Project Management, NCCER, Pearson, 3rd Edition, 9780134744261

Other Required Materials:

None

Course Outcomes

At the completion of this course, the student should be able to:

- Comprehend construction management concepts
- General understanding of the construction and design industries
- Interpret construction contracts and bidding procedures
- Comprehend construction insurance, taxes, and bonding procedures

Topical Description

- Overview of Construction Management profession
- Construction industry, design industry, and company management or ownership
- Construction documents, building codes, and regulations
- Bidding Strategies, OSHA requirements, bonding requirements, and construction business principles

Optional Topics

- Comparison of General Contractor, Construction Manager, and Subcontractor
- Elements of LEAN construction

Notes to Instructors

- None.