

**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.