

Virginia Western Community College

BLD 102

Construction Management II

Prerequisites

BLD 101

Course Description

Emphasizes advanced management techniques and methodology. Includes engineering economics, accounting principles, life cycle costing, value engineering, systems analysis with computer applications, work improvement, quality control, and a broad overview of the construction management profession.

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

Required Materials

Textbook:

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

Other Required Materials:

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Course Outcomes

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

- To continue acquainting the student with the requirements of construction management, for horizontal construction industry.

Topical Description

- A. Construction Methods, Phases, Materials, Equipment, Processes and Principles
- B. Planning and scheduling
- C. Construction economics, accounting, and value engineering principles
- D. Contract construction
- E. Construction safety and health pertinent to horizontal construction
- F. Improving productivity

Optional Topics

Broad overview of the construction management profession and its problems

Notes to Instructors

- None.