

Virginia Western Community College
BLD 111
Blueprint Reading and Building Code

Prerequisites

None.

Course Description

Introduces reading and interpreting various kinds of blueprints and working drawings with reference to local, state and national building codes.

Semester Credits: 3 Lecture Hours: 2 Lab/Clinical/Internship Hours: 2

Required Materials**Textbook:**

Print Reading for Construction: Residential. 8th edition. ISBN#: 9781649259851.

Other Required Materials:

None

Course Outcomes

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

- Understand the purpose and use of prints, specifications and building codes.
- Successfully read a set of blueprints with specifications and determine how the architect or engineer wanted the building to be constructed.
- Successfully make quantity take offs and feel comfortable finding items and answering questions regarding the prints, specifications and codes.
- Check the prints with the codes for errors or discrepancies.
- Determine what materials are to be used and how and where these materials are to be used in the construction.
- Develop vocabulary and knowledge necessary to read and interpret blueprints, specifications and the building codes.
- Understand the relationship of the drawn/written descriptions to the actual construction.
- Effectively communicate with others in the construction industry.

Topical Description

Notes to Instructors

- None.

[ADA Statement](#) (PDF)

[Title IX Statement](#) (PDF)