

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: BLD 103

Credits: 3

Course Title: Principles of Residential Building Construction Inspection

Course Description: Introduces general principles of residential building inspection, including materials, foundations, framing, finishing, and building codes. Lecture 3 hours per week.

General Course Purpose: Course provides a foundation in the essential requirements for building construction as mandated by the current version of the Virginia Building Code, as well as those guidelines specified by the American Disabilities Act for handicap-accessible construction.

Course Prerequisites and Co-requisites:

None

Course Objectives:

Upon completing the course, the student will be able to

- a. Learn the use of Virginia Uniform Statewide Building Code;
- b. Learn the use of International Building Code;
- c. Understand the requirements of building codes, including those set forth by the ADA;
and
- d. Understand the concept of safety and construction.

Major Topics to Be Included:

- a. Virginia Uniform Statewide Building Code
- b. Construction safety
- c. Practical application of code requirements
- d. ADA regulations for handicap access

Effective Date of Course Content Summary: August, 2008