

GENERAL BUILDING CONSTRUCTION - 3 Credits

PREREQUISITES:

Reading to 8th grade level with comprehension.

Must know: Addition facts to 10; Subtraction facts to 10; Multiplication facts to 10; Division facts to 12; Addition of whole numbers to 4 places; Subtraction of whole numbers to 4 places; Multiplication of whole numbers to 3 places; Division of whole numbers to 3 places; Add like and unlike fractions; Subtract like and unlike fractions; Multiply fractions; Divide fractions; Reduce fractions to lowest terms; Change mixed numbers to an improper fraction and/or reverse; Read a ruler in inches and feet; Read a ruler to 1/4, 1/8, and 1/16; area of square or rectangles; Rounding off.

DESCRIPTION:

Students enrolled in the building construction program study a variety of related subjects in both theory and shop practice. The course provides for training in all phases of home construction: walls, roof, windows and doors, and blueprint reading. Shop and safety activities are combined with classroom instruction.

REGISTERED APPRENTICESHIP PROGRAM IN BUILDING CONSTRUCTION

Students entering the 11th grade will be encouraged to register for the Apprenticeship Program in Building Construction. Students can be registered with the Construction Craft Laborers Apprenticeship Program of West Virginia. Both construction trade apprenticeship programs, are designed to provide apprentices with 160 hours of training before they move to a job site. To become eligible for employment and on-the-job training, the apprentice must complete the program's initial classroom and hands-on training session. It is during this initial session that the apprentice receives training in basic construction skills, safety awareness, and work ethics.

Students are not required to become registered apprentices to take the Building Construction Class but are encouraged to do so. Some math and computer literacy prerequisites may be required for registration.

The General Building Construction curriculum alternates annually. Students are expected to complete a two year program for skilled level program certification.

Offered 2007-2008

GENERAL BUILDING CONSTRUCTION: 182309 (3 credits)

BLDCNS-FOUND - Foundation & Framing (180 hours, 1st semester) 182519

BLDCNS-FINSH - Finishing Carpentry (180 hours 2nd semester) 182329

BLDCNS –BLCNA – Building Construction Applications (180 hours, both semesters) 182819 & 182829

Offered 2008-2009

GENERAL BUILDING CONSTRUCTION: 182109 (3 credits)

BLDCNS-FUND - Fundamentals of Building Construction (180 hours, 1st semester) 182719

BLDCNS-MSNRY – Building Construction Masonry (180 hours, 2nd semester) 182929

BLUE CONST – Blueprint Reading (180 hours, both semesters) 182219 & 182229

