

MASONRY (Brick, Block, Stone, Concrete Construction) - 3 Credits

PREREQUISITES:

Students enrolling in this program should have good manual dexterity, good coordination, the ability to work well with other students, the physical abilities required for construction trades, basic comprehension skills and basic reading and math skills.

DESCRIPTION:

Students will be exposed to such areas as job layout, mortar composition, and wall construction using brick, block, stone and concrete. This will be accomplished through class assignments, class discussion and practical application of skills learned in the major units of study which include: shop and job safety, blueprint reading, transit operation, masonry tools and equipment, general construction procedures, brick, block, stone, concrete construction, footings, and cost estimation of time, material, and labor.

This program can prepare a student for entry-level employment in the masonry and construction field. Students will spend 80 percent of their time in the shop performing actual masonry tasks; therefore, each student's grade will reflect actual job performance.

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

Offered 2007-2008

MASONRY: 191109 (3 credits)

MSNRY-BLOCK - Block & Rock Laying (180 hours, 1st semester) 191119

MSNRY-BRICK - Bricklaying (180 hours, 2nd semester) 191329

MSNRY-DECMW – Decorative Masonry (180 hours, both semesters) 191619 & 191629

Offered 2006-2007

MASONRY: 191909 (3 credits)

MSNRY-FUND - Fundamentals of Masonry (180 hours, 1st semester) 191919

MSNRY-FOOT - Foundations of Footing (180 hours, 2nd semester) 191729

MSNRY-CNCRT – Concrete Finishing (180 hours, both semesters) 191519 & 191529