

Revised 6/01

## NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY

### BLD 131 - CARPENTRY FRAMING I (5 CR)

#### COURSE DESCRIPTION

Presents an introduction to carpentry, with emphasis on residential construction. Covers safety on the job, appropriate use of power tools, basic construction techniques, an introduction to working drawings, and the team approach to residential building. Lecture 3 hours. Laboratory 4 hours. Total 7 hours per week.

#### GENERAL COURSE PURPOSE

Purpose is to introduce the student to the general concepts of residential construction.

#### ENTRY LEVEL COMPETENCIES

Ability to work with whole numbers, common fractions, and measurement; read basic construction text; use basic verbal communication skills; and do basic problem solving.

#### COURSE OBJECTIVES

Upon successful completion of this course the student will be able to:

- A. Become familiar with the basic principles and terminology of carpentry.
- B. Use appropriate safety precautions when performing all tasks.
- C. Regard all revolving machinery with extreme caution.
- D. Set basic tasks with safety in mind.
- E. Accept responsibility for safety of other workers.
- F. Use tools only for purpose intended.
- G. Wear appropriate clothing when operating equipment.
- H. Identify locations of fire equipment, and use appropriately.
- I. Identify terms used in carpentry.
- J. Verbalize using appropriate terminology.
- K. Follow basic construction procedures when performing a task; recognize and correct errors in procedures.
- L. Maintain quality standards on each task performed.
- M. Show basic knowledge of working drawings.

## **MAJOR TOPICS TO BE COVERED**

- A. Introduction to the principles and terms of carpentry
- B. Introduction to general safety on the job
- C. Basic knowledge of power tools, and proper use
- D. Basic construction techniques, lumber and nail types
- E. Introduction to working drawings.