

SYLLABUS

DIVISION: Business and Engineering Technology

REVISED: Spring 2014

CURRICULA IN WHICH COURSE IS TAUGHT:

Building Trades

COURSE NUMBER AND TITLE:

Bld 131 Carpentry I

CREDIT HOURS: 5 HOURS/WK **LEC:** 3 HOURS/WK **LAB:** 4 LEC/LAB **COMB:** 7

- I. CATALOG 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 buildings. Presents an introduction to selection and use of ladders and scaffolds, basic form removal and demolition, and use of basic first aid. Includes the concepts of carpentry framing for floors, walls, ceilings, porches and decks. Includes theoretical and practical application as well as the concepts of carpentry framing for roof, truss installation and door and window installation.
- II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES:** Provides students with the information necessary to continue in the field of carpentry. It gives students experience with “hands on” training.
- III. REQUIRED BACKGROUND/PREREQUISITES:** Carpentry I
- IV. COURSE CONTENT:**
Construction terminology
Building materials
Use of tools
Blueprints
Floor framing
Wall framing
- V. THE FOLLOWING GENERAL EDUCATION OBJECTIVES WILL BE ADDRESSED IN THIS COURSE (Place X by all that apply)**

Communications

Cultural and Social Understanding

Critical Thinking

Quantitative Reasoning

Personal Development

Scientific Reasoning

Information Literacy

VI. LEARNER OUTCOMES**VII. EVALUATION**

Learner outcome Execute framing techniques for floor and wall framing....	Evaluation method Lab exercises Written test Exam
Learner outcome Select and use proper building materials	Evaluation method Lab exercises Written test Exam
Learner outcome Apply blueprint skills to the jobsite	Evaluation method Lab exercises In class assignments Written test Exam