

CONSTRUCTION TECHNOLOGY

Biloxi Public Schools

1845 Tribe Drive
Biloxi, MS 39532
www.biloxischools.net

Career Technology Center

<u>COURSE TITLE:</u>	Carpentry Level 1 (Construction Technology - Year 2)
<u>DEPARTMENT:</u>	Construction Trades
<u>INSTRUCTOR:</u>	Mr. Moore
<u>PREREQUISITES:</u>	Successfully Completed Construction Technology - Year 1 Passed NCCER Core Certification with a grade of 70% or higher

PATHWAY DESCRIPTION:

The Construction pathway is designed as a secondary program for preparation to enter the field of Carpentry. The Carpentry program includes an introduction to the basic carpentry processes. The purpose of the course is to prepare students to continue study in a postsecondary construction program (Residential Carpentry) or to begin work at the entry level in a carpentry occupation. The carpentry units are written to the National Center for Construction Education and Research (NCCER) certification standards.

INDUSTRY CERTIFICATION

National Center for Construction Education and Research "NCCER" Learning Series –
Carpentry Standards Level 1

STUDENT PREREQUISITES

In order for students to be able to experience success in the program, the following student prerequisites are suggested:

1. C or higher in English (the previous year)
 2. C or higher in Math (last course taken or the instructor can specify the math)
 3. Instructor Approval and TABE Reading Score (eighth grade or higher)
- or**
1. TABE Reading Score (eighth grade or higher)
 2. Instructor Approval
- or**
1. Instructor Approval

COURSE OUTLINE

Course Description: Theory and Application of Carpentry I Course Code: 993111

Theory and Application of Carpentry I includes an in-depth study of basic safety; construction math; materials; and construction drawings used in the carpentry field. This one-Carnegie-unit course should only be taken after students successfully pass Construction Core.

Course Description: Theory and Application of Carpentry II Course Code: 993112

Theory and Application of Carpentry II includes an in-depth study of floor framing systems, wall, ceiling and roof framing; windows and doors; stairs; and construction essentials. This course also reinforces safety related to the construction industry. This one-Carnegie-unit course should only be taken after students successfully pass Theory and Application of Carpentry I.

Theory and Application of Carpentry I — Course Code: 993111

Unit	Unit Name	Hours
1	Orientation	2
2	Basic Safety	15
3	Construction Math	16
4	Introduction to Materials Used in Construction	16
5	Introduction to Construction Drawings, Specifications, and Layout	15
6	Floor Framing Systems	38
Total		102

Theory and Application of Carpentry II — Course Code: 993112

Unit	Unit Name	Hours
7	Wall, Ceiling, and Roof Framing	48
8	Windows and Doors (Building Envelope Systems)	30
9	Basic Stairs	20
10	Construction Essentials	10
Total		108

TEXTBOOKS/MATERIALS:

Required Textbook: Core Curriculum: Introductory Craft Skills
Carpentry: Level 1

Required Materials: 1. Notebook, paper, and pencil for class lectures and assignments.
2. Calculator

INSTRUCTOR CONTACT INFORMATION:

Mr. Moore: phone: (228) 435-6318 email: patrick.moore@biloxischools.net

INSTRUCTIONS FOR ADDITIONAL HELP:

Should a student need additional help with projects, they should contact their instructor so that a time can be set aside for assistance.

COURSE ASSIGNMENTS AND PROJECTS:

Course assignments and projects will be assigned throughout the course. Assignments are to be turned in to your instructor at the specified date and time. Any assignments or projects not turned in at the specified date and time will be dropped a letter grade per class meeting day following the due date. Any assignments or projects not turned in within five class meetings of the due date will receive a grade of "ZERO".

BOC—Beginning of Class

EOC—End of Class

GRADING SCALE:

A = 90 – 100
B = 80 – 89
C = 70 – 79
D = 69 – 65
F = 0 – 64

PERCENTAGES:

10% - Exams
55% - Activities - Worksheets, Quizzes, Daily Activities, etc.
35% - Test and Shop Projects
100% - Total

TESTING:

Students must pass their Safety Test with 100% accuracy to be allowed into the shop to work on projects. NCCER standards require students pass each module assessment “Test” with a grade of 70% or higher to receive certification for that module. Tests will be scheduled throughout the school year. All testing dates and times will be announced by your instructor during lecture. Students that miss a scheduled test are responsible for contacting their instructor to schedule a date and time to make up the test. Make-up test shall be taken within three school days from the date the student returns to class.

NCCER CERTIFICATION:

NCCER standards require students pass each module assessment “Test” with a grade of 70% or higher to receive certification for that module. To obtain NCCER certification for Carpentry Level 1 students must pass the end of the year certification exam with a grade of 70% or higher.

RETEACH/ RETEST:

As per District policy.

CHEATING:

Any student caught cheating on an assignment or test shall receive a “ZERO” on that assignment. Any student caught with a cell phone during a test will receive a zero for that test.

***If an assignment is copied in any form or fashion, the person doing the copying and the person being copied from shall receive a “ZERO” for that assignment.... **PROTECT YOUR WORK!!!!**

CELL PHONES:

Cell phones are **NOT** allowed in the classroom or shop.