# General Carpentry II Course No. 38002 Credit: 1.0

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| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Construction & Design (46.0000) - Construction Strand

Course Description: An advanced comprehensive **application level** course designed to instruct students in skills pertaining to rough construction and finish work.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

**Prerequisite:** 17002 Carpentry I

## Benchmark 0: The following competencies are to be taught within ALL application level courses offered in your school's approved pathway.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 0.1 | Demonstrate an understanding of industry standards for personal safety including the safe use of tools, equipment, and hazardous materials. |  |
| 0.2 | Demonstrate time management skills. |  |
| 0.3 | Create and utilize employment documents including a resume and portfolio. |  |
| 0.4 | Demonstrate job seeking and interview skills. |  |
| 0.5 | Understand and respond to performance reviews. |  |

## Benchmark 1: Orientation and research

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Use technology and resources to research licensing certification and credentialing in the construction industry. |  |
| 1.2 | Construct a project according to customer specifications. |  |
| 1.3 | Research and identify applicable building codes and permits. |  |
| 1.4 | Research and Identify types of horizonal and vertical concrete form systems. |  |

## Benchmark 2: exterior envelope systems

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Describe the need for and install thermal and sound insulation and vapor barriers. |  |
| 2.2 | Research and identify various types of building envelope systems. |  |
| 2.3 | Install a pre-hung window. |  |
| 2.4 | Install a pre-hung exterior door with weather-stripping. |  |
| 2.5 | Install a lockset on an entry door. |  |
| 2.6 | Describe the types of and demonstrate the application of common sidings used as exterior finishes. |  |
| 2.7 | Research and identify components of advanced roof systems. |  |

## Benchmark 3: Interior systems

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Install gypsum drywall panels on stud walls and ceilings using different types of fastening systems. |  |
| 3.2 | Demonstrate ability to properly finish drywall and patch damaged drywall. |  |
| 3.3 | Install a pre-hung interior door. |  |
| 3.4 | Research, identify and Install different types of interior trim. |  |
| 3.5 | Articulate (written or verbal) how HVAC, Electrical and Plumbing Systems fit into the total construction project; including how teamwork plays an important role in the timely completion of the project. |  |
| 3.6 | Install interior trim, including door, window, base, and ceiling trims. |  |
| 3.7 | Install factory-made cabinets, countertops, and backsplashes. |  |

## Benchmark 4: Stair layout

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | For a stairway of given dimensions, determine the total rise, the number and size of the risers, and the number and size of the treads. |  |
| 4.2 | Construct a staircase according to a specific plan. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

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[pathwayshelpdesk@ksde.org](mailto:pathwayshelpdesk@ksde.org)



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