[Construction Technology – Residential Carpenter](https://bluegrass.kctcs.edu/education-training/program-finder/construction-technology.aspx)

Certificate

Coordinator: Ezra Sword (ezra.sword@kctcs.edu) 859-246-6769

Student Name: Student ID:

*Students must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.*

NOTE: Students can start the program at any point in the rotation.

Semester 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| BRX 220 Blueprint Reading for Construction | 3 |  |  |  |  |
| CAR 126 Intro to Construction  | 3 |  |  |  |  |
| CAR 127 Intro to Construction – Lab | 1 |  |  | Coreq: CAR 126 |  |
| CAR 140 Surveying & Foundations  | 3 |  |  |  |  |
| CAR 141 Surveying & Foundations – Lab | 2 |  |  | Coreq: CAR 140 |  |
| Total Semester Credit Hours | 12 |  |  |  |  |

Semester 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| CAR 190 Light Frame Construction I  | 3 |  |  |  |  |
| CAR 191 Light Frame Construction I – Lab | 2 |  |  | Coreq: CAR 190 |  |
| CAR 196 Light Frame Construction II  | 3 |  |  |  |  |
| CAR 197 Light Frame Construction II – Lab | 2 |  |  | Coreq: CAR 196 |  |
| CAR 200 Light Frame Construction III | 3 |  |  |  |  |
| CAR 201 Light Frame Construction III Lab | 2 |  |  | Coreq: CAR 200 |  |
| Total Semester Credit Hours | 15 |  |  |  |  |

Semester 3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses | Cr. Hrs. | Term | Grade | Prerequisites | Notes |
| CAR 240 Light Frame Construction IV  | 3 |  |  |  |  |
| CAR 241 Light Frame Construction IV – Lab  | 2 |  |  | Coreq: CAR 240 |  |
| Total Semester Credit Hours | 5 |  |  |  |  |
| Total Certificate Credit Hours | 32 |  |  |  |  |

**Graduation Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Cumulative GPA must be 2.0 or higher.

Advisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Contact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Information**

Core courses are on a 4-semester rotation. Students should take each CAR course when offered.

**Embedded Credentials**

|  |  |  |  |
| --- | --- | --- | --- |
| Credential | Title | Requirements | Total Cr. Hours |
| Certificate | Basic Carpenter | CAR 126, CAR 127, Technical Electives (5 Cr. Hrs.) | 9 |
| Certificate | Residential Roofer | BRX 220, CAR 126, CAR 127, CAR 196, CAR 197 | 12 |
| Certificate | Residential Site Layout Assistant | CAR 126, CAR 127, CAR 140, CAR 141, Tech. Electives (6 Cr. Hrs.) | 15 |
| Certificate | Carpenter Helper | BRX 220, CAR 126, CAR 127, CAR 140, CAR 141, CAR 190, CAR 191 | 17 |
| Certificate | Rough Carpenter | BRX 220, CAR 126, CAR 127, CAR 140, CAR 141, CAR 190, CAR 191, CAR 196, CAR 197 | 22 |

**Certificate Requirements:**

* 25% or more of Total Certificate Credit Hours must be earned at BCTC.
* Grade of C or higher in each course required for certificate.

*Reviewed by: Ezra Sword Effective Term: Fall 2021*

 *Review Date: 04-09-2021*