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**Construction Technology – Residential Carpenter**

**Certificate**

**Program Coordinator: Ezra Sword E-mail: ezra.sword@kctcs.edu Phone: 859-246-6769**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/construction-technology.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/construction-technology.aspx)

**Student Name: Student ID:**

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

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| **First Semester** | **Credit Hours** | **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** |  |  |  |

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| **Second Semester** | **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** |  |  |  |

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| **Third Semester** | **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** |  |  |  |

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

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

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

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| **Embedded Credentials** |
| Credential | Title | Requirements | Total Credit Hours |
| Certificate | Basic Carpenter | CAR 126, CAR 127, 5 credit hours of Technical Electives | 9 |
| Certificate | Carpenter Helper | BRX 220, CAR 126, CAR 127, CAR 140, CAR 141, CAR 190, CAR 191 | 17 |
| Certificate | Residential Roofer | BRX 220, CAR 126, CAR 127, CAR 196, CAR 197 | 12 |