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**Construction Technology – Construction Carpenter**

**Diploma**

**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 |  |
| Written Communication, Oral Communication, OR Heritage/Humanities course | 3 |  |  |  |  |
| Digital Literacy or demonstrated competency | 0 – 3  |  |  |  |  |
| **Total Semester Credit Hours** | **13 – 16** |  |  |  |

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| **Third Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| CAR 200 Light Frame Construction III | 3 |  |  |  |  |
| CAR 201 Light Frame Construction III Lab | 2 |  |  | Coreq: CAR 200 |  |
| ISX 100 Industrial Safety | 3 |  |  |  |  |
| Social/Behavioral Sciences, Natural Sciences, OR Quantitative Reasoning course | 3 |  |  |  | MAT 105 recommended |
| CAR 298 Practicum in Construction OR CAR 299 Co-op in Construction | 2 – 4  |  |  | Permission of Program Coordinator |  |
| **Total Semester Credit Hours** | **13 – 15**  |  |  |  |

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| **Fourth Semester** | **Cr. Hrs.** | **Term** | **Grade** | **Prerequisites** | **Notes** |
| Technical Elective course | 3 |  |  |  |  |
| Technical Elective course | 2 |  |  |  |  |
| Technical Elective course | 3 |  |  |  |  |
| Technical Elective course | 2 |  |  |  |  |
| **Total Semester Credit Hours** | **10** |  |  |  |
| **Total Diploma Credit Hours** | **48 – 53** |  |  |  |

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| * **25% or more of Total Diploma Credit Hours must be earned at BCTC**
* **Cumulative GPA must be 2.0 or higher**
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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. Students can start the program at any point in the rotation. They may take any CAR course that is being offered with the exception of CAR 298 and CAR 299. |

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| **Approved Technical Electives** |
| **Course** | **Cr. Hrs.** | **Prerequisites** |
| BRX 120 Basic Blueprint Reading | 3 |  |
| CAR 150 Construction Formwork | 3 |  |
| CAR 151 Construction Formwork – Lab | 2 | Coreq: CAR 150 |
| CAR 198 Special Topics in Construction | 1 – 6  | Instructor Consent required |
| CAR 240 Light Frame Construction IV | 3 |  |
| CAR 241 Light Frame Construction IV – Lab  | 2 | Coreq: CAR 240 |
| Other courses approved by Construction Technology Program Coordinator | 1 – 10  |  |