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**Construction Technology**

**Associate in Applied Science degree**

**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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| **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.** |
| **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 |  |
| ENG 101 Writing I | 3 |  |  |  |  |
| Digital Literacy or demonstrated competency | 0-3 |  |  |  |  |
| **Total Semester Credit Hours** | **15-18** |  |  |  |

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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 |  |
| Social and Behavioral Sciences course | 3 |  |  |  |  |
| Natural Sciences course | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **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 |  |  |  |  |
| MAT 105 Business Mathematics OR Higher level Quantitative Reasoning course | 3 |  |  |  |  |
| CAR 298 Practicum in Construction OR CAR 299 Co-op in Construction | 2 – 4  |  |  | Permission of Program Coordinator |  |
| Heritage or Humanities course | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **16 – 18**  |  |  |  |

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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 |  |  |  |  |
| Oral Communications course | 3 |  |  |  |  |
| **Total Semester Credit Hours** | **13** |  |  |  |
| **Total Degree Credit Hours** | **60-65** |  |  |  |

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| * **25% or more of Total Degree 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.  |

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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  |  |