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**Computer Aided Drafting and Design (1513013049)**

**Certificate, Civil Drafter**

**Program Coordinator: William M (Mike) Franklin E-mail:** [**william.franklin@kctcs.edu**](mailto:william.franklin@kctcs.edu) **Phone: (859) 246-6771**

**Program Website:** [**https://bluegrass.kctcs.edu/education-training/program-finder/computer-aided-drafting-design.aspx**](https://bluegrass.kctcs.edu/education-training/program-finder/computer-aided-drafting-design.aspx)

**Student Name: Student ID:**

***Students need to be at KCTCS placement levels for some courses, please verify with coordinator***

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| **First Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** | |
| CAD 102 - Drafting Fundamentals | 4 |  |  | **OR** ACH 100 or BRX 120 | |
| MAT 116\* - Technical Mathematics | 3 |  |  | Satisfy Gen Ed Area 2 | |
| CET 150 - Civil Engineering Graphics | 3 |  |  | Substitute for CAD 112 | |
| CAD 103 - CAD Fundamentals | 4 |  |  | **OR** CAD 100 | |
| **Total Semester Credit Hours** | **14** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** | |
| SMT 110 - Principles of Surveying | 3 |  |  | Survey Elective | |
| SMT 160 - Construction Surveying | 3 |  |  | Survey Elective | |
| SMT 220 - Surveying Lab | 3 |  |  | Survey Elective | |
| SMT 230 - Land Boundary Location | 3 |  |  | Survey Elective | |
| **Total Semester Credit Hours** | **12** |  |  |  |

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| **Total Credential Hours** | **26** |  |  |  |

***Note: 25% of Total Program Credit Hours must be earned at Bluegrass Community and Technical College.***

**Advisor Name: Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Name: Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **Special Instructions:** |
| \*Math requirements can be satisfied by one of the following courses:  MAT 116, MAT 126, MAT 150 or higher level math course per coordinator approval. |