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**Computer Aided Drafting and Design (1513013059)**

**Certificate, Computer Assisted 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 | |
| CAD 103 - CAD Fundamentals | 4 |  |  |  | |
| **Total Semester Credit Hours** | **11** |  |  |  |

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| **Second Semester** | **Credits** | **Term** | **Grade** | **Prereqs/Notes** | |
| CET 150 - Civil Engineering Graphics | 3 |  |  | Substitute for CAD 112 | |
| ENG 101 - Writing I | 3 |  |  | Satisfy Gen Ed Area 1 | |
| CAD 200 - Intermediate CAD | 4 |  |  |  | |
| CAD 201 - Parametric Modeling | 4 |  |  |  | |
| Technical Elective | 4 |  |  | Choose 4 credits from the list below | |
| **Total Semester Credit Hours** | **18** |  |  |  |

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| **Total Credential Hours** | **29** |  |  |  |

***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. |

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| **Approved Electives** | | |
| CAD 100 - Introduction to CAD | 3 | or ACH 195 |
| CAD 293 - Special Problems | 1-2 |  |
| CAD 120 - Introduction to Architecture | 4 |  |
| SMT 110 - Principles of Surveying | 3 | or CAD 108 |