

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

Program Website: <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

First Semester	Credits	Term	Grade	Prereqs/Notes
CAD 102 ¹ Drafting Fundamentals	4			
CAD 1002 Introduction to CAD	3			
SMT 1103 Principles of Surveying	3			
MAT 116 Technical Mathematics*	3			Quantitative Reasoning
CAD 103 CAD Fundamentals	0-4			or Demonstrated Digital Literacy
Total Semester Credit Hours	13-17			

Second Semester	Credits	Term	Grade	Prereqs/Notes
CAD 120 Introduction to Architecture	4			
CET 150 Civil Engineering Graphics	3			Substitute for CAD 112
CAD 201 Parametric Modeling	4			
CAD 293 Special Problems	1-4			Technical Elective
ENG 101 Writing I	3			Satisfy Gen Ed Area 1
Total Semester Credit Hours	15-18			

Third Semester	Credits	Term	Grade	Prereqs/Notes
CAD 200 Intermediate CAD	4			
CET 295 Independent Problems	1-4			Technical Elective/Substitute Class
Technical Elective ⁴	1-4			
Total Semester Credit Hours	6-12			

Fourth Semester	Credits	Term	Grade	Prereqs/Notes
CAD 298 Practicum	1-3			Or CAD 299 Cooperative Education
Technical Elective ⁴	3-4			
				Diploma can be completed in three (3) semesters
Total Semester Credit Hours	7-11			
Total Credential Hours	48-53			

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

Advisor Name:

Advisor Signature: _____

Student Name:

Student Signature: _____

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.

1. or ACH 100 or BRX 120
2. or ACH 195
3. or CAD 108
4. Technical Electives include most other classes with prefix CAD, CET, ACH, GIS, BRX or other related fields and should be approved with the program coordinator.