

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 must meet college readiness benchmarks as identified by the Council on Postsecondary Education or remedy the identified skill deficiencies.

First Semester	Credit Hours	Term	Grade	Prerequisites	Notes
CAD 100 Introduction to Computer Aided Design	3				
Technical Electives	3 – 4				
Total Semester Credit Hours	6 – 7				

Third Semester	Cr. Hrs.	Term	Grade	Prerequisites	Notes
CAD 200 Intermediate Computer Aided Design	4			CAD 100	
CAD 201 Parametric Modeling	4				
Technical Electives	2 – 3				
Total Semester Credit Hours	10 – 11				
Total Certificate Credit Hours	16 – 18				

Graduation Requirements: **25% or more of Total Certificate Credit Hours must be earned at BCTC**

 Grade of C or higher in each course required for the certificate

Advisor Name _____ Advisor Contact _____

Technical Electives		
Course	Cr. Hrs.	Prerequisites
CAD 108 Introduction to Surveying	3	
CAD 120 Introduction to Architecture	4	CAD 100
CAD 150 Programming in CAD	4	CAD 100
CAD 212 Industrial Drafting Processes	4	CAD 100
CAD 216 Building Information Modeling	4	
CAD 222 Mechanical Design	4	CAD 100
CAD 240 Advanced Dimensioning and Measurement	4	CAD 100
CAD 292 Industrial Applications	4	Approval of Instructor
CAD 293 Special Problems	1 – 4	Approval of Program Coordinator
DPT 100 Introduction to 3D Printing Technology	3	
DPT 102 3D Printing Technology Fundamentals	3	Demonstration of Digital Literacy
ACH 110 Survey of the Architectural Profession	1	
ACH 160 Building Materials and Construction I	3	
BRX 120 Basic Blueprint Reading	3	
BRX 220 Blueprint Reading for Construction	3	
Other courses (such as courses with prefixes ACH, BRX, CAR, SMT, and PLW) approved by the Computer Aided Drafting and Design Coordinator	1 – 7	