Students learn to transform the specifications and instructions of designers or engineers into complete and precise drawings. Instruction includes lettering, geometric construction, orthographic projections, dimensioning and tolerancing.

The program offers a diploma and three certificates for people seeking entry-level jobs in the field. Certificate and diploma credits may be applied toward an Associate in Applied Science degree in General Occupational/Technical Studies. See a program advisor for information.

EMployment Opportunities
Jobs for CADD graduates include Architectural Drafter, Mechanical Drafter, Mechanical Drafter Specialist, Computer Assisted Drafter, Detailer and Structural Detailer.

For More Information:
ASHLAND.KCTCS.EDU
CLICK ON ACADEMICS, PROGRAMS OF STUDY
TYLER STEVENS
PROGRAM COORDINATOR
TSTEVENS0025@KCTCS.EDU
PHONE (606) 326-2455 OR (606) 326-2053
TECHNOLOGY DRIVE CAMPUS
902 Technology Drive, Grayson, KY 41143

Gainful Employment Information
For more information about graduation rates, the median debt of students who completed the program, and other important data on this program, visit ACTC’s website at ASHLAND.KCTCS.EDU/ACADEMICS/GAINFUL_EMPLOYMENT_DISCLOSURE_INFORMATION.ASPX

Ashland Community and Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Ashland Community and Technical College. Note: The Commission is to be contacted only if there is evidence that appears to support an institution’s significant non-compliance with a requirement or standard.

Oct. 2017

COLLEGE ACCREDITATION
EQUAL EDUCATIONAL & EMPLOYMENT OPPORTUNITY INSTITUTION
APPLICATIONS AND CLASS SCHEDULES ARE ON THE WEB: ASHLAND.KCTCS.EDU

BUILD YOUR SKILLS IN COMPUTER AIDED DRAFTING AND DESIGN

DIPLOMA PROGRAM

Required General Education  Credit Hours
Written Communication, Oral Communication OR  3
Humanities/Heritage  3
Quantitative Reasoning (MAT 105 excluded)  3
Subtotal  6

COMPUTER AIDED DRAFTING AND DESIGN

Technical Core  Credit Hours
Digital Literacy  3
CAD 100 Introduction to Computer Aided Drafting  3
CAD 102 Drafting Fundamentals  4
CAD 112 Engineering Graphics  4
CAD 200 Intermediate Computer Aided Drafting  4
CAD 201 Parametric Modeling  4
CAD 298 Practicum OR  1-3
CAD 299 Cooperative Education  (1-3)
Subtotal  20-23

Technical Electives  Credit Hours
Choose 19 credits from list (Sample of credits from CAD elective list. This list is not all inclusive; other courses may be taken as approved by the program coordinator.)
CAD 120 Introduction to Architecture  4
CAD 220 Architectural Design  4
CAD 212 Industrial Drafting Processes  4
CAD 252 Commercial Detailing  4
CAD 292 Industrial Applications  4
CAD 291 Special Problems  2

TOTAL DIPLOMA CREDITS  46-49

NOTE: Program requirements may change to reflect new technologies. Check with an advisor before registering.

CERTIFICATE PROGRAMS

Required General Education  Credit Hours
Written Communication, Oral Communication OR  3
Humanities/Heritage  3
Quantitative Reasoning (MAT 105 excluded)  3
Subtotal  6

DRAFTER ASSISTANT

Required  Credit Hours
CAD 100 Intro. to Computer Aided Drafting  3
CAD 102 Drafting Fundamentals OR  4
CAD 112 Engineering Graphics (4)
Digital Literacy OR demonstrated competency
TOTAL CERTIFICATE CREDITS  7-11

DETAILER

Required  Credit Hours
CAD 100 Intro. to Computer Aided Drafting  3
CAD 102 Drafting Fundamentals  4
CAD 112 Engineering Graphics  4
CAD 130 Descriptive Geometry  4
CAD 200 Intermediate Computer Aided Drafting  4
Digital Literacy  3
TOTAL CERTIFICATE CREDITS  22

COMPUTER ASSISTED DRAFTER (CAD)

Technical Core
CAD 100 Introduction to Computer Aided Drafting  3
CAD 102 Drafting Fundamentals  4
CAD 112 Engineering Graphics  4
CAD 130 Descriptive Geometry  4
CAD 200 Intermediate Computer Aided Drafting  4
CAD 201 Parametric Modeling  4
Digital Literacy OR demonstrated competency
Technical Elective (As approved by program advisor)  4
TOTAL CERTIFICATE CREDITS  32

NOTE: More information regarding tuition rates can be found on our website at ashland.kctcs.edu/costs_and_financial_aid

APPLICATIONS AND CLASS SCHEDULES ARE ON THE WEB: ASHLAND.KCTCS.EDU

Application Checklist

1. Submit an Application for Admission, online, at Ashland.kctcs.edu.

2. Submit to the Admissions Office:
   - An official high school transcript, with graduation date, or GED scores
   - Official transcripts from other colleges or universities you have attended, including those for dual credit courses
   - Placement test scores (ACT, KYOTE) or complete placement testing

3. Attend orientation and meet with an advisor to schedule classes

4. Financial Aid is available for those who qualify.
   - Please fill out a FAFSA at www.fafsa.ed.gov.
   - Please speak with a financial aid specialist to receive counseling, if appropriate.

5. Pay tuition and fees before published cancellation deadlines.

NOTE: More information regarding tuition rates can be found on our website at ashland.kctcs.edu/costs_and_financial_aid