



Alternative Diploma Pathway  
In Support of O.C.G.A., 20-2-149.2

COMPUTER AIDED DRAFTING (CAD) TCC PATHWAY (Option 1)  
Approved April 2021

Total 23 - Credit Hours

Students should complete two certificates – DA31 and CP41

First TCC:

DA31 – Drafters Assistant, TCC	
DFTG 1101 CAD Fundamentals	4 CH
DFTG 1103 Multiview/Basic Dimensioning	4 CH
Occupational Elective	3 CH

Total 11 Credit Hours

Students eligible to register through Autodesk to take Auto CAD Certified User exam

Second TCC:

CP41 CAD Operator, TCC	
<i>*DFTG 1101 CAD Fundamentals</i>	4 CH
<i>*DFTG 1103 Multiview/Basic Dimensioning</i>	4 CH
Select 1 specialization:	
<u>Mechanical Drafting Specialization</u>	
DFTG 1105 3D Mechanical Modeling	4 CH
DFTG 1107 Advanced Dimensional/Sectional Views	4 CH
DFTG 1109 Auxiliary Views/Surface Development	4 CH
OR	
<u>Architectural Drafting Specialization</u>	
DFTG 1125 Architectural Fundamentals	4 CH
DFTG 1127 Architectural 3D Modeling	4 CH
DFTG 1129 Residential Drawing I	4 CH

Total 12 Additional Credit Hours

\*Courses exempted if taken in first TCC

Students eligible to register through Autodesk to take AutoCAD Certified User exam and /or Revit Certified User exam (Arch. Path), SolidWorks Certification exam (Mech. Path)