GUIDED PATHWAY: COMPUTER-AIDED DESIGN OPERATOR CERTIFICATE

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH

For more information, visit the Dallas College Computer-Aided Design and Drafting webpage [www.dcccd.edu/CADD] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing the Computer-Aided Design Operator Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Computer-Aided Design Operator Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for official certificate requirements.

This certificate program prepares you to become certified as an entry-level CADD operator and enter the work force. Jobs performed would entail 2D and 3D CADD drawings using AutoCAD software. Courses that complete this Certificate are noted below.

Students pursuing this certificate are waived from the Texas Success Initiative (TSI) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.

Catalog Year	2021-2022 You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate
GPA Requirement	Student must earn a GPA of 2.0 or higher
TSI	May be Exempt

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for official certificate requirements.

CERTIFCATE MINIMUM: 18 SEMESTER CREDIT HOURS

SEMESTER 1	Total Hours: 11

DFTG 1409 – Basic Computer-Aided Drafting
CHOOSE ONE: **DFTG 1340** – Introduction to Computer Aided Drafting (CAD)Systems
                  DFTG 1315 – Architectural Blueprint Reading *Architecture based coursework* **OR**
                  DFTG 1325 – Blueprint Reading and Sketching *Mechanical based coursework*
CHOOSE ONE: **DFTG 1405** – Technical Drafting *Mechanical based coursework* **OR**
                  ARCE 1421 – Architectural Illustration *Architecture based coursework*

SEMESTER 1 ACTION ITEMS
1. Meet with your advisor to confirm your academic/career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

SEMESTER 2	Total Hours: 7-8

DFTG 2419 – Intermediate Computer-Aided Drafting
CHOOSE ONE: * **ARCE 1303** – Architectural Materials and Methods of Construction
                  DFTG 1329 – Electro-Mechanical Drafting **OR**
                  DFTG 2321 – Topographical Drafting

* There are additional courses that can be selected. Speak with academic or faculty advisors for specific list.

SEMESTER 2 ACTION ITEMS
1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.
2. Apply for Computer-Aided Design Operator Certificate Completion.