

INDUSTRY, MANUFACTURING AND CONSTRUCTION

**GUIDED PATHWAY: COMPUTER-AIDED DESIGN AND DRAFTING –
COMPUTER-AIDED DESIGN OPERATOR CERTIFICATE**

For more information, visit www.dcccd.edu/CADD and your academic advisor at Eastfield or Mountain View college.

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 ⁱⁱ. Courses from this certificate may apply to the related AAS degree. For official certificate requirements, [click here](#).

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 the Computer-Aided Design Operator (DO1) 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.



ONLY Offered at EFC & MVC

THIS PATHWAY WAS LAST UPDATED JULY 30, 2019

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS ⁱⁱⁱ
ALL MAPS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

DO1	SEMESTER 1	ACTION ITEMS
◆	DFTG 1315 – Architectural Blueprint Reading ^{iv} OR DFTG 1325 – Blueprint Reading and Sketching ^v	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
◆	DFTG 1405 – Technical Drafting ^v OR ARCE 1421 – Architectural Illustration ^{iv}	
◆	DFTG 1409 – Basic Computer-Aided Drafting	

TOTAL SEMESTER CREDIT HOURS: 14

DO1	SEMESTER 2	ACTION ITEMS
◆	Choose One: ^{vi} ARCE 1303 – Architectural Materials and Methods of Construction DFTG 1315 – Architectural Blueprint Reading DFTG 1325 – Blueprint Reading and Sketching DFTG 1329 – Electro-Mechanical Drafting DFTG 2321 – Topographical Drafting	<input type="checkbox"/> Apply for Computer-Aided Design Operator (DO1) Certificate Completion. <input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search.
◆	DFTG 2419 – Intermediate Computer-Aided Drafting	

TOTAL SEMESTER CREDIT HOURS: 14

CERTIFICATE MINIMUM: 17-19 SEMESTER CREDIT HOURS | PATHWAY TOTAL: 17-19 SEMESTER CREDIT HOURS

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours required for graduation through instruction by the DCCCD college awarding the certificate.

ⁱⁱⁱ This is not an official degree plan. For official certificate requirements, [click here](#).

^{iv} DFTG 1315 and ARCE 1421 have architecture based coursework.

^v DFTG 1325 and 1405 have mechanical based coursework

^{vi} There are additional courses that can be selected. Speak with your academic or faculty advisors for a specific list in the catalog.