

ADVANCED DRAFTING CERTIFICATE

Architects plan and design houses, factories, office buildings and other structures. Drafters use software to convert the designs of engineers and architects into technical drawings. Most workers specialize in architectural, civil, electrical or mechanical drafting and use technical drawings to help design everything from microchips to skyscrapers.

- Degree Type: Certificate
- Not all required courses available online
- Drafting offered on Athens campus
- TSI (<https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/>): not required

This program leads to the Drafting & Design Technology AAS degree.

Course	Title	Hours
Term One		
DFTG-1358	Electrical/Electronics Drafting	3
MCHN-1320	Precision Tools and Measurement	3
ARCE-2344	Statics and Strength of Materials	3
DFTG-1317	Architectural Drafting, Residential	3
MCHN-1326	Introduction to Computer Aided Manufacturing	3
Hours		15
Term Two		
DFTG-2323	Pipe Drafting	3
DFTG-2321	Topographical Drafting	3
ARCE-1315	Structural Steel Detailing	3
DFTG-2328	Architectural Drafting, Commercial	3
Select one of the following:		2
DFTG-2280	Coop Education, Drafting and Design Technology/Technician, General	
Approved Elective		
Hours		14
Total Hours		29

Advanced Drafting Electives

Code	Title	Hours
DFTG-1305	Technical Drafting	3
DFTG-1345	Parametric Modeling and Design	3
DFTG-2332	Advanced Computer Aided Drafting	3
DFTG-2340	Solid Modeling/Design	3