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 are available online
- Drafting is offered on the Athens campus
- TSI (https://coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/): not required

This program is not designed to transfer.

This certificate leads to a Drafting and 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-2332	Advanced Computer Aided Drafting	3
DFTG-1345	Parametric Modeling and Design	3
DFTG-2340	Solid Modeling/Design	3

Basic Drafting Certificate should be completed before the Advanced Drafting Certificate is attempted.