

DRAFTING & DESIGN TECHNOLOGY AAS DEGREE

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: AAS
- Not all required courses available online
- TSI (coursecatalog.tvcc.edu/admission-registration/testing/tsi-testing-requirements/): required

Although not designed to transfer, this AAS degree program leads to an online Bachelor of Applied Arts and Sciences (BAAS) degree with participating universities. See an academic advisor (<https://www.tvcc.edu/Advisement/?d=138>) for more information about the BAAS.

Course	Title	Hours
Term One		
ENGL-1301	Composition I	3
EDUC/PSYC-1300	Learning Framework	3
DFTG-1305	Technical Drafting	3
DFTG-1409	Basic Computer Aided Drafting	4
DFTG-1358	Electrical/Electronics Drafting	3
	Hours	16
Term Two		
DFTG-2323	Pipe Drafting	3
DFTG-2332	Advanced Computer Aided Drafting	3
DFTG-2321	Topographical Drafting	3
MATH-1314	College Algebra	3
MCHN-1320	Precision Tools and Measurement	3
	Hours	15
Term Three		
Lang, Phil, & Culture/Creative Arts		3
MCHN-1326	Introduction to Computer Aided Manufacturing	3
ARCE-2344	Statics and Strength of Materials	3
DFTG-1317	Architectural Drafting, Residential	3
DFTG-1345	Parametric Modeling and Design	3
	Hours	15
Term Four		
Core HIST, GOVT, or Social/Behav. Science		3
DFTG-2328	Architectural Drafting, Commercial	3
ARCE-1315	Structural Steel Detailing	3

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DFTG-2340	Solid Modeling/Design	3
DFTG-2280	Coop Education, Drafting and Design Technology/Technician, General	2
	Hours	14
	Total Hours	60