

What can I do with an Associate of Applied Science Drafting Technology degree?

Students who complete an emphasis in Drafting Technology at Snow College should be eligible for employment in the following career fields: architectural drafting, mechanical drafting, and civil engineering drafting. Students will learn how to prepare detailed drawings of architectural designs and plans for buildings, structures, mechanical parts, and other manufactured items according to specifications.



Facts at a Glance:

- The average starting salary for an Architectural Drafter is between \$27,400 and \$50,100 annually according to the website, <http://online.onetcenter.org/>.
- The instructor has practical, real-life experience in the field to prepare students for a job in the industry immediately upon graduation.
- Opportunities should be best for individuals with at least 2 years of postsecondary training in drafting.

What types of classes will be covered in the Drafting Technology program?

- Basic CAD
- Presentation Drawing
- Architectural Drafting
- Mechanical Drafting
- Topographical Drafting
- Technical Illustration
- Advanced CAD
- Principles of Technology



Buster the Badger says,
"The Drafting Department has
all the latest Technology."

Contact Information:

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Visit the Snow College website at <http://www.snow.edu>, or visit <http://www.snow.edu/drafting/> to learn more about this program.

Drafting Technology Curriculum for an Associate of Applied Science (66 credits total)

(Before beginning the program, a student should place at the College Algebra level on the Math Accuplacer or have a 23 in the Math portion of the ACT. If scores are below this level, additional Math course(s) will need to be completed satisfactorily prior to taking MATH 1050)

Core Classes:

CR	Class	Course	Prerequisites
5	DRFT 1010		Technical Drafting
3	DRFT 1030		Pictorial/Presentation Drawing DRFT 1010 or Concurrent Enrollment
3	DRFT 1100		Architectural Drafting (Residential Design)
3	DRFT 1200		Mechanical Drafting/Assembly Drawings DRFT 1010 & DRFT 1302
3	DRFT 1302		Basic CAD
4	DRFT 1312		Advanced CAD DRFT 1302
3	DRFT 1400		Topographical Drafting DRFT 1010
2	DRFT 2020		Technical Illustration DRFT 1030
3	BT 1010		Intro to Computers
	--or--		
2	CIS 1011		Computer Fundamentals
28 – 29		Total Core Credits	

Communication Requirement (Choose One)

3	BMGT 1270	Personal Selling
3	BT 2200	Business Communication
3	ENGL 1010	Expository Composition*
3	ENGL 1410	English Mechanics

**If you plan on transferring into a Bachelor degree program you will need ENGL 1010.*

Computation Requirement (Choose One)

4	MATH 1050	College Algebra*
2	MATH 1060	Trigonometry
	--and--	

ACT Math score of 23, College Level Accuplacer score, or MATH 1010
MATH 1050

(Choose one of the following)

3	BMGT 1320	Applied Business Math
3	DRFT 1715	Applied Technical Math
3	DRFT 2715	Applied Right Triangle Trigonometry for Draft.

**If you plan on transferring into a Bachelor degree program you will need MATH1050.*

DRFT 1715

Human Relations Requirement (Choose 2 Credits)

1	DRFT 1581	Skills USA – Level 1
1	DRFT 1582	Skills USA – Level 2
1	DRFT 2581	Skills USA – Level 3
1	DRFT 2582	Skills USA – Level 4
0.5	DRFT 1910	Professional Development 1
0.5	DRFT 1920	Professional Development 2
0.5	DRFT 2910	Professional Development 3
0.5	DRFT 2920	Professional Development 4

Note: For the Communication, Computation, and Human Relations requirements, other courses are available with department approval.

Electives

3	ACOM 2721	Architectural Rendering
3	DRFT 1410	Basic Surveying DRFT 1400 & DRFT 2710 or MATH 1060
3	DRFT 2010	Descriptive Geometry DRFT 1030
2	DRFT 2050	Blueprint Reading
4	DRFT 2120	Bidding, Estimating and Specifications DRFT 2100 or DRFT 2150
3	DRFT 2160	Structural Drafting DRFT 1010
2	DRFT 2180	Pipe Drafting DRFT 1200
4	DRFT 2322	Chief Architect Drafting
4	DRFT 2352	Google SketchUp DRFT 1312
2	DRFT 2380	AutoLISP DRFT1010 & DRFT 1302
2	DRFT 2500	Electro-Mechanical Drafting DRFT 1715 or DRFT 1007 & 1008
2	DRFT 2610	CAD-MicroStation DRFT 1200

In addition there are several Special Project classes that a student can take for elective credits. Please talk with your instructor about these courses.

Additional materials may be required such as uniform shirts, safety equipment, and basic hand tools. A more detailed list will be provided during the first semester from the instructor.