



ARCHITECTURAL DRAFTING TECHNICIAN

ABOUT THIS CAREER

As an Architectural Drafting Technician, you'll work behind the scenes to create technical drawings and plans based on sketches, specifications or notes made by architects, engineers, surveyors, or other industry professionals. With your eye for detail and excellent spatial ability, you'll use advanced computer-aided drafting and design (CADD)

software to bring designs to life!*

(*UFV Applied & Technical Studies)

WHAT YOU'LL NEED

Educational Requirements

- High School completion typically required
- One- to two-year college program in drafting, **OR** three- to four-year apprenticeship program **OR** four to five years of related experience plus completion of college or industry courses in drafting
- A period of supervised work experience, usually two years, is required before certification

Key Skills & Attributes

(technical training and on the job)



Active Listening

Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.



Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.



Reading Comprehension

Understanding written sentences and paragraphs in work-related documents at appropriate times.



Writing

Communicating effectively in writing as appropriate for the needs of the audience.

HOURLY PAY
\$22.00 - \$44.00*
(Est. Annual Salary: \$66,739)

ANNUAL EMPLOYMENT GROWTH: **1.8%***
(B.C. Labour Market Outlook 2023-2033)

JOB OPENINGS: **1,640***
*WorkBC

DUTIES & RESPONSIBILITIES

Drafting Technicians:

- Develop and prepare engineering drawings, plans, diagrams or layouts from sketches
- Operate computer-assisted drafting (CAD) equipment or a conventional drafting station

Drafting Technologists:

- Develop and prepare design sketches
- Verify that design drawings conform to specifications and design data
- Prepare contracts and tender documents
- Prepare construction specifications, costs and material estimates
- Supervise and train other technologists, technicians and drafters

