

Architectural Drafting

CERTIFICATE

Why study architectural drafting?

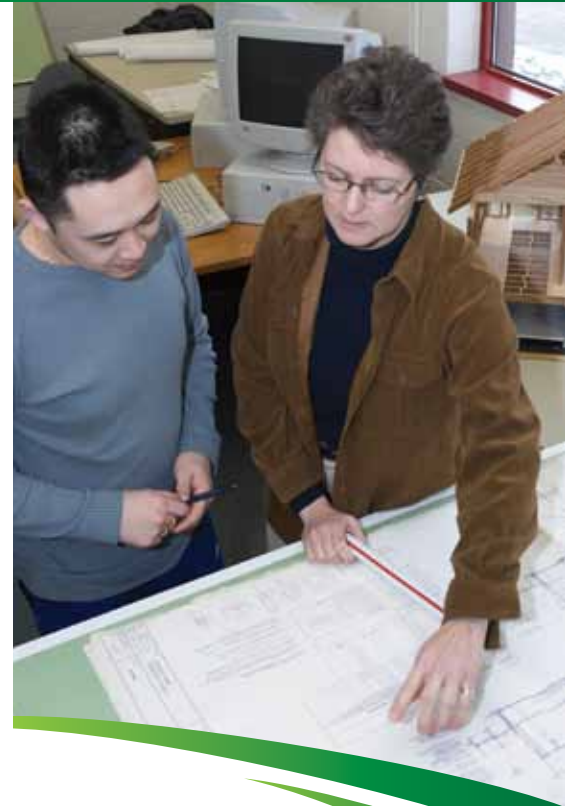
You've always been interested in buildings and you're graphically inclined; you also love working with fine lines and details. You're also creative and interested in design skills and general aspects of engineering. With these skills and interests as a base, UFV's 10-month Architectural Drafting Technician program can prepare you for employment within a wide range of architectural and engineering activities.

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WHAT TYPE OF CAREER CAN I EXPECT?

If you complete this program successfully, your training will not only give you the needed skills for employment in an entry-level position, but also a head start in your new career with either private design firms, public agencies, or departments which provide design and drafting services in architectural, civil, and related engineering fields.

It is also excellent preparation for continuing your education in the field of architecture.



“The nature of the course work is relevant and practical, and has helped me establish a successful and rewarding career as a drafting technician.”

— ED VISSER,
UFV Architectural
Drafting Technician
program grad, 2000.

Architectural Drafting



“It’s a very satisfying career. When you’re designing a home for people, it’s a happy and exciting time in their life, and you get to be a part of that. It’s great when you meet them in the grocery store and they tell you they wouldn’t change a thing. It’s also great to see our work changing the look of the community — our fingerprints are all over town.”

— **CHUCK STAM** has built a thriving business, Precision Building Design, since graduating from UFV’s Architectural Drafting Technician program in 1993.

WHY SHOULD I STUDY AT UFV?

UFV provides a full-time, 10-month program at the Canada Education Park in Chilliwack. This program has been specially designed to prepare you for entry-level drafting positions in the architectural, civil, and related fields.

During these intense 10 months, our instructors create an environment that’s similar to the working world. You will be given the maximum responsibility for the solution of design problems and will be encouraged to develop your creative talents and techniques beyond the level demanded of a junior draftsman.

While learning how buildings are constructed, and mastering drawing standards in order to communicate your design skills and provide technical instruction, you will also become proficient at operating the latest version of AutoCAD. The program will give you experience in reading technical manuals and solving design problems. You will also learn how to work in a team-oriented environment that simulates a busy design office.

UFV and School District #34 (Abbotsford) also operate a jointly-sponsored Career Technical Centre. Drafting students can enter at the Grade 11 level and complete high school and a one-year UFV Architectural Drafting Technician certificate over two years. For more information on this program call 604-850-8672.

WHAT TYPE OF COURSES WILL I TAKE?

FIRST SEMESTER (SEPTEMBER–DECEMBER)

COURSE #	TITLE
ADT 1	Drafting Fundamentals and CAD
ADT 2	Applied Mathematics

Note: ADT 1 and ADT 2 are prerequisites to register for the remainder of the program.

SECOND SEMESTER (JANUARY–APRIL)

COURSE #	TITLE
ADT 3	Building Construction 1
ADT 6	Introduction to Structures
ADT 7	Civil Drafting and Surveying
CMNS 145	Technical Communications for Drafting

THIRD SEMESTER (APRIL–JUNE)

COURSE #	TITLE
ADT 4	Building Construction 2
ADT 5	Final Architectural Project

WHAT DO I NEED TO GET IN?

You must be 19 years of age or older, or have your B.C. secondary school graduation (or equivalent), and have successfully completed Principles of Math 11 with a C+ or better. However, if you think you have equivalent courses or acceptable technical background, feel free to contact the instructors at 604-847-5427, or email trades@ufv.ca to make an appointment for orientation and assessment. If you have a successful interview and assessment, you may be eligible to enter the program without the above-stated prerequisites.

I'M INTERESTED. WHAT DO I DO NEXT?

Check out UFV's online calendar at www.ufv.ca/calendar.

From there you can download an application form and submit it, along with the \$45 application fee to any UFV Admissions and Records office. You can also transmit it through the internet at www.pas.bc.ca. Along with your application, we'll also need the following documents:

- proof of B.C. secondary school graduation or equivalent
- a transcript (or interim transcript) showing your grade and course achievement as per entrance requirements
- or written permission from instructor.

Once we've got all the paperwork, you'll be notified when you can attend an orientation session. When all entrance requirements are met, you will then be admitted to the program or placed on a waitlist. English as a Second Language applicants will be assessed on an individual basis by the ESL department.

WHEN SHOULD I APPLY?

Applications will be accepted on or after October 1 for the next year's fall semester.

HOW MUCH DOES IT COST?

Be prepared to pay tuition fees of \$1,771 for Semester 1. In Semester 2, you will pay \$1,771, and in Semester 3, it will cost just over \$997. Textbooks, drawing kits, binders, calculators, rain gear, and other incidental supplies will cost you an additional \$1,000. We require a deposit (currently \$200) to be paid when you register, which typically takes place one or two months before the start of each semester.

In addition, each semester (fall, winter, and summer) you will be required to pay a \$30 Student Union Society membership fee, a \$35 SUS building fee, \$4.50 Cascade student newspaper fee, a \$40 university bus pass fee, and a \$3 per semester radio station fee. A health and dental fee (\$160 for 2009/10) is charged annually each fall semester to students with nine or more credits to provide extended medical and dental insurance. You can check with the Student Union Society or at www.studentcare.net/works for details.

It's worth a visit to UFV's financial aid and awards office, which facilitates the disbursement each year of about \$12 million annually in federal and provincial student loans, grants, bursaries, scholarships, and awards to UFV students. A helpful budget planning worksheet is available online at www.ufv.ca/fineaid/budget.

ANYTHING ELSE I NEED TO KNOW?

This is an intense program and we have high workload and classroom expectations. You are required to attend all classes — five hours a day, five days a week. In addition, you will be responsible for the completion of at least 15 hours of assigned homework each week. The Architectural Drafting program starts in September, ends in June.

While enrolled in the program, you are expected to attend continually through all three semesters to successfully complete all requirements of the program. If you fail to meet the attendance requirements, you might be subject to a failing grade or academic warning. It is important to know that you will be expected to complete all requirements with a minimum of a passing grade in order to graduate.

WHERE WILL MY CLASSES BE DELIVERED?

UFV offers its Architectural Drafting Technician program at the new Trades and Technology Centre in Chilliwack, B.C. The program's 2,500-square foot fully networked design studio features large windows for plenty of natural light, 18 student workstations with AutoCad software (latest release) and 22-inch flat screen monitors, professional drafting tables, a 600-square foot, fully-wired classroom space and a 42-inch HP plotter and 26-inch KIP copier.

UFV's Trades and Technology Centre is the university's first facility to open in Chilliwack's Canada Education Park, a 200-acre education and research park situated along the historic Vedder River on what was once Canadian Forces Base Chilliwack.

CAN I SPEAK WITH SOMEONE ABOUT MY OPTIONS?

We want to hear from you! If you're unsure of your direction, contact Student Services at 1-888-504-7441 to connect with an educational advisor, or arrange for career counselling. You can also contact the Trades and Technology Centre directly at 604-847-5448, or 1-888-504-7441, ext. 5448, or email trades@ufv.ca to get more details.



The information contained in this document is subject to change. Please refer to www.ufv.ca/trades for up-to-date information. UFV reserves the right to cancel courses and programs.



About UFV

Nestled in the beautiful Fraser Valley just east of Vancouver, in B.C., UFV is a fully accredited, public university that enrolls more than 11,000 students each year. UFV has campuses in Abbotsford, Chilliwack, and Mission and regional centres in Hope and Agassiz, and a growing presence in Chandigarh, India.

UFV is committed to exceptional post-secondary instruction and a nurturing learning environment. We are large enough to offer variety, yet small enough to offer the personal attention that our students need to thrive. Our small class sizes and focus on teaching allow our students to get to know their instructors and learn in a hands-on setting.

We offer more than 80 programs, including 13 bachelor's degrees, a master's degree, and more than a dozen trades and technology programs. We believe that anyone who wants to go to university should be given the chance, so our admission policies are flexible, and we provide university prep courses and high school completion options. There are many options for learning: full-time, in class, online, as part of a structured program or one tailored specifically to your interests.

Many of our programs "ladder" into one another, allowing students to keep their options open. Our international programming makes for a culturally diverse student body and great opportunities to study abroad, while our continuing studies offerings make learning a lifelong experience.

UFV is recognized nationally for student success, an excellent learning environment, creative integration of programming, and our work with our local communities.

Get to know us better at www.ufv.ca.

