

APPLIED BUILDING CONSTRUCTION

**6-MONTH
CERTIFICATE**

Start with an introduction to basic tools and before you know it, you will be reading blueprints, building stairs and framing walls.

Why should you choose career in Applied Building Construction?

- 1 Hammer it home**
Develop the practical skills you need to create excellent work. Learn about hand tools, precise measuring and cutting, and how to create what you envision in your mind's eye. Gain the basic knowledge to build projects from simple shelving to a single-family dwelling.
- 2 Understand the craft**
Using modern industry tools, you will learn in a well-equipped shop with an emphasis on practical, applied learning. Geometry rules in this profession, and general mathematics is very important. Your training will be guided by supportive instructors. Gain experience working with concrete and learning construction safety.
- 3 Apply your skills**
Register as an apprentice within two years of completing the program, and you may be granted credit towards Level 1 Carpenter apprenticeship as you continue to gain valuable industry experience.
- 4 Build on your future**
There are a number of career opportunities for graduates. Work in the construction industry on residential or commercial projects. Learn the skills to do general home repairs, as well as your own woodworking projects.

CAMPUS/DELIVERY OPTIONS

 Parkland Campus (*rotating start*)

AVAILABLE INTAKES

 February

WORK PLACEMENT(S)

 3 weeks

CAREER OPPORTUNITIES

Graduates find employment opportunities in commercial and residential construction, materials merchandising, prefabrication centres, millwork and cabinet making facilities and in entrepreneurial ventures in building or woodworking fields.

ADMISSION REQUIREMENTS

- » A complete Manitoba Grade 12 or equivalent
- » Consumer/Essential Mathematics 40S or equivalent

English is the language of instruction at Assiniboine. All applicants educated outside of Canada or in a country not on the test exempt list are expected to meet the English language proficiency requirement. See assiniboine.net/elp for more information.

TECHNOLOGY REQUIREMENTS

Students in this program are expected to have a computer at home with internet access that meets the technical needs outlined by the program. Refer to assiniboine.net/tech for detailed information.

PROGRAM CONSIDERATIONS

To be successful in this program and industry, it is important for you to be able to:

- » Wear Personal Protective Equipment (PPE) including hardhat, safety glasses and steel toe boots
- » Work outdoors in extreme warm and cold weather conditions (+30°C to -40°C)
- » Use ladders and work at varying heights
- » Work as part of a team
- » Take direction from a supervisor
- » Be punctual and attend class on a regular basis

A valid driver's license and access to a vehicle is strongly recommended given the potential need to travel for practicum placement.

UNIQUE LEARNING EXPERIENCES

- » Modern, well-equipped shop
- » Emphasis on practical, applied learning
- » Industry-based practicum

GRADUATION REQUIREMENTS

To graduate with an Applied Building Construction certificate, students must successfully complete 46.5 academic credits and 1 practical credit.

The minimum passing grade for each course is 60% as indicated on the course outline.

CONNECTIONS

Students who successfully complete the accredited program with an accumulative average of 70% or better in the trade subjects and level for which the program was accredited, gain employment and register as an apprentice within two years of graduating, will receive credit for Level 1 in-school technical training and 900 hours in the Carpenter apprenticeship program.

PROGRAM FEES (DOMESTIC ONLY)

Tuition: **\$2,370** Course fees: **\$1,150**
Students' Association fees: **\$380**
Estimated textbooks, tools and supplies: **\$1,940**

All fees are estimated and subject to change without notice. For international program pricing, if/when applicable, please visit assiniboine.net.

COURSES 2023-24

NUMBER	COURSE TITLE	CREDITS
DRFT-0001	Blueprint Reading (CARPW)	3
CPWW-0004	Building Materials	1.5
SCIE-0007	Building Science	1.5
PEDV-0356	College Foundations	0
COMM-0260	Communications	1.5
CPWW-0067	Concrete Forming Technology	4.5
WRKP-0030	Construction Safety	3
MATH-0123	Construction Trades Geometry	3
CPWW-0031	Hand Tools	9
PRAC-0300	Practicum - APLBC	1
CPWW-0007	Roof Framing	6
CPWW-0003	Shop Layout	3
CPWW-0005	Wood Frame Construction	6
CPWW-0069	Woodworking Machines 1	4.5

Note: Timelines, applicable industry experience, and teaching methodology will depend on program delivery choice; program information sheets subject to change without notice. Visit assiniboine.net for the most up-to-date information.

NEXT STEPS

Apply now! Visit assiniboine.net/applynow.
For more information on this program,
visit assiniboine.net/appliedbuilding.