

# 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.

### FULL-TIME, ON-CAMPUS TIMELINE:

**FEBRUARY 2022**  
Term 1 begins

**AUGUST 2022**  
Practicum

**OCTOBER 2022**  
Graduation

Program delivery options:



Parkland Campus

## CAREER OPPORTUNITIES

Graduates find employment opportunities in commercial and residential construction, materials merchandising, prefabrication centres, 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](http://assiniboine.net/elp) for more information.

## TECHNOLOGY REQUIREMENTS

Programs at Assiniboine have certain technology requirements. Students require access to computer devices at home and may be required to bring these on campus when instructed. Refer to [assiniboine.net/tech](http://assiniboine.net/tech) for more detailed information about the requirements for this program.

## 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 42 academic credits and 1 practical credit.

The minimum passing grade for each course is 60% and is indicated on the course outline. Course failure will result in discontinuance in the program.

## 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

Tuition, fees and Students' Association fees total approximately **\$3,390**.

Estimated cost for books and supplies is **\$1,470**.

*All fees are estimated and subject to change without notice.*

## COURSES 2022

NUMBER	COURSE TITLE	CREDITS
DRFT-0001	Blueprint Reading (CARPW)	3
CPWW-0004	Building Materials	1.5
SCIE-0007	Building Science	1.5
PEDV-0345	College Foundations	0
COMM-0260	Communications	1.5
CPWW-0012	Concrete Forming Technology	3
WRKP-0030	Construction Safety	3
MATH-0013	Construction Trades Geometry	1.5
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-0002	Woodworking Machines 1	3

*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](http://assiniboine.net) for the most up-to-date information.*

## NEXT STEPS

Apply now! Visit [assiniboine.net/applynow](http://assiniboine.net/applynow). For more information on this program, visit [assiniboine.net/appliedbuilding](http://assiniboine.net/appliedbuilding).