

APPLIED PLUMBING INSTALLATION

6-MONTH
CERTIFICATE

Develop your skills in plumbing and pipe fitting. This in-demand, diverse trades program can lead you to employment in residential, commercial and industrial construction industries.

Why should you choose career as a plumber?

1 Learn the many facets

This six-month certificate program will introduce you to multiple trades. Concentrate on plumbing and pipe fitting, while learning about drain, waster and venting systems, water treatment, fire sprinkler systems, water and sewer. Instructors use industry-relevant tools and equipment with an emphasis on safety and protection of the environment.

3 Connect to careers

This program will provide you with the core skills for a multitude of careers with plumbing and heating contractors, industrial piping contractors, public utilities, wholesale suppliers, fire sprinkler installers, and water and wastewater treatment facilities. There is a special emphasis in this program on the role of plumbing in public health and wastewater management concerns, a rapidly growing field that deals with environmental issues.

2 Plunge into learning

Study alongside other Parkland students at our campus in Dauphin. This program boasts hands-on learning using a wide variety of equipment from different trades to assist you in learning the function, installation and troubleshooting procedures.

4 Become an apprentice

Graduates who register as a plumbing apprentice within two years of completing this program may be granted in-school training credit for Level 1 Plumber apprenticeship.

CAMPUS/DELIVERY OPTIONS

 Parkland Campus

AVAILABLE INTAKES

 September 2023

WORK PLACEMENT(S)

 3 weeks

CAREER OPPORTUNITIES

Graduates find employment opportunities with plumbing and heating contractors, industrial piping contractors, public utilities, wholesale suppliers, fire sprinkler installers, and water and wastewater treatment facilities.

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 shops
- » Emphasis on practical, applied learning
- » Industry-based practicum

GRADUATION REQUIREMENTS

To graduate with an Applied Plumbing Installation certificate, students must successfully complete 49.5 academic credits and 1 practical credit. The minimum passing grade for each course is 60% and is 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 Plumber apprenticeship program.

PROGRAM FEES (DOMESTIC ONLY)

Tuition: **\$3,700** Course fees: **\$1,920**
Students' Association fees: **\$480**
Estimated textbooks, tools and supplies: **\$1,470**

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
MATH-0095	Applied Plumbing Math	3
DRFT-0010	Blueprint Reading (PIPET)	3
PEDV-0356	College Foundations	0
COMM-0045	Communications	3
PRAC-0325	Practicum - APPLG	1
WELD-0040	Related Welding	1.5
PIPE-0012	Residential Drainage System	6
PIPE-0013	Residential Venting Systems	6
SCIE-0008	Science	3
PIPE-0002	Tools and Materials Practical	15
PIPE-0016	Tools and Materials Theory	9

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/appliedplumbing.