PRE-APPRENTICESHIP - PLUMBING, ELECTRICAL, AND WELDING

Program: PAPC
Credential: Recognition of Achievement
Delivery: Full-time
Work Integrated Learning: 1 Work Placement
Length: 2 Semesters
Duration: 1 Year
Effective: Summer 2028
Location: Midland

Description

This is a 26-week program consisting of 14-weeks in-class and a 12-week paid work placement that follows the in-school training portion. Students receive an introduction to the plumbing trade while completing their in-class portion of the Level 1 Plumbing apprenticeship curriculum. They also gain foundation knowledge of other related construction trades, such as electrician and welding through both theory and hands-on experience. Students obtain a number of industry-specific certifications and engage in career development activities designed to prepare them for apprenticeship.

Career Opportunities

This program provides graduates with a pathway to a range of occupations in fields such as:

- plumbing apprenticeship
- electrical apprenticeships in residential, commercial or industrial construction
- welding apprenticeship
- entrepreneurship

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. apply workplace practices and safety procedures in accordance with the Occupational Health and Safety Act (Construction Regulations), applicable standards, and workplace policies;
2. plan and support safe rigging, hoisting, and scaffolding operations in compliance with applicable legislation, standards, and workplace procedures;
3. communicate effectively and professionally using appropriate trades#related language and terminology in an industrial workplace;
4. apply mathematical and computer skills to trade-related problems;
5. assist in basic plumbing, electrical, and welding tasks applying theory and practical skills;
6. apply the principles of drafting in the creation of drawings;
7. use job search strategies and communication skills to explore careers in the trades;
8. select and safely operate hand and power tools and equipment used in building construction;
9. use cutting and welding equipment and accessories to perform basic welds;
10. identify the locking and tagging procedures for equipment according to government safety regulation;
11. assist skilled tradespersons and perform trade-related tasks at jobsites.

External Recognition

Level 1 Plumber in-school completion as per Ministry of Labour, Immigration, Training and Skills Development and Skilled Trades Ontario.

Admission Requirements

Applicants must meet the following criteria:

- Be 18 years old prior to entering the work placement
- Be a Canadian citizen or Permanent Resident of Canada
- Not be currently registered as an apprentice in Ontario

Selection Process

Applicants must meet the following admission requirements:

- Submit an application and a current resume
- Attend a program information session
- Demonstrate the ability to do, or be able to acquire, the necessary reading, writing and trade-related math skills
- Demonstrate a commitment to working in the trades
- Attend an interview

Additional Information

Students will be required to complete an intake assessment, which will be utilized to determine functional grade level competency prior to academic programming.

Graduation Requirements

6 Apprenticeship Courses
3 Program Courses
5 Trade Tickets
1 Work Placement

Graduation Eligibility

Students must successfully complete all required courses as noted below. Further details, if applicable, are noted under "Additional Information" above.

Program Tracking

Program Courses		Hours
TECH 0284	Residential Electricity	30
TECH 0290	Forklift Operator	9
TECH 0291	Industrial Crane Slinger	9
TECH 0405	WHMIS	6
TECH 0534	Shop Skills	24
TECH 0551	Working At Heights	8.5
TECH 0578	Job Search Skills	36
TECH 0604	First Aid / CPR / AED Level C	16
Level 1 Plumbing Apprenticeship Courses		
PBAB 1000	Workpl Safety/Rig/Hoist Lev 1	24
PBAB 1001	Plumbing Systems-Level 1	96

PBAB 1002	Tools and Piping Method-Lev 1	48
PBAB 1003	Trade Calculations-Level 1	24
PBAB 1004	Trade Documentation-Level 1	24
PBAB 1005	Welding - Level 1	24
Work Placement		
PAMT 0008	Pre-Apprenticeship Work Placement	480
	Hours	**858.5**
	Total Hours	**858.5**

Disclaimer: *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.