PRE-APPRENTICESHIP - CONSTRUCTION TECHNOLOGY

Program: PACT
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

Students receive an introduction to basic general carpentry as well as exposure to the plumbing and electrical trades. Students obtain a number of industry-specific certifications with a focus on career development in order to become a successful candidate for apprenticeship. A 12-week paid work placement follows the in-school training portion.

Career Opportunities

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

- residential, commercial or industrial construction
- carpentry apprenticeship
- electrical apprenticeship
- plumbing apprenticeship
- entrepreneurship

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. apply mathematical and computer skills to construction related problems;
2. complete basic carpentry, electrical and plumbing tasks based on theory and practical skills;
3. apply the principles of drafting in the creation of drawings;
4. perform workplace practices and safety procedures in accordance with the Occupational Health and Safety Act Construction Regulations;
5. use job search strategies and communication skills to explore careers in the trades;
6. select and safely operate hand and power tools and equipment used in building construction;
7. assist skilled tradespersons and perform construction-related tasks at jobsites.

Admission Requirements

Applicants must be 16 years of age of older, a Canadian citizen or landed immigrant and not already registered as an apprentice.

Selection Process

- applicants must attend a program information session
- applicants must demonstrate the ability to do, or be able to acquire, the necessary reading, writing and trade related math skills
- applicants must demonstrate a commitment to working in the construction industry
- applicants will be interviewed

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

5 Program Courses
6 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 0604	First Aid / CPR / AED Level C	16
TECH 0405	WHMIS	6
TECH 0290	Forklift Operator	9
TECH 0291	Industrial Crane Slinger	9
TECH 0364	Health and Safety	15
TECH 0551	Working At Heights	8.5
TECH 0578	Job Search Skills	36
TECH 0382	Blueprint Reading for Construction	42
TECH 0131	Plumbing	48
TECH 0589	Introduction to Electrical Trades	54
TECH 0603	Introduction to Basic Carpentry General	72
Work Placement		
PAMT 0004	Pre-Apprenticeship Work Placement Construction Trades	340
	Hours	**655.5**
	Total Hours	**655.5**

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.