

Industrial Mechanic/ Millwright: Apprenticeship

Faculty of Trades and Technology	kpu.ca/trades
Millwright / Industrial Mechanic	kpu.ca/trades/millwright
Implementation Date	01-Sep-2011
Start Date(s)	Varies
Intake Type	Apprenticeship
Instructional Cycle	Fixed-term
Program Type	Vocational
Credential Granted	No Credential
Offered At	Cloverdale
Format	Full-time
How to Register	www.kpu.ca/apprentice

DESCRIPTION

Get the skills that pay the bills!

In BC, an individual can become certified as an Industrial Mechanic/Millwright by completing the Industrial Mechanic/Millwright apprenticeship program. Apprenticeship programs are designed to provide students the full scope of knowledge and applied skills necessary to perform the occupation. Apprentices have an employer to sponsor them and are registered with the Industry Training Authority (ITA).

KPU delivers in-school technical training for Industrial Mechanic/Millwright apprenticeship levels 1, 2, 3, and 4. The in-school technical training for each level is 7 weeks in duration and includes an end of level exam (level 1-3). Additional information is available at: kpu.ca/trades/millwright.

The pathway to becoming a certified Industrial Mechanic/Millwright generally takes 4 years to complete the in-school technical training and work-based training hours. Millwright apprentices will be eligible to write the Red Seal Inter-provincial Examination upon completion of all in-school technical training.

The Red Seal endorsement will be awarded upon completion of 6400 work-based training hours and is recognized in all jurisdictions across Canada; additional information is at: red-seal.ca.

Training Schedules

KPU apprentice training schedules and waitlists are published on Kwantlen Course Search. Additional apprenticeship training opportunities are listed on Trades Training BC; this is the hub for BC's Public Trades Training Programs & Services.

Financial Supports for Apprentices

Apprentices may be eligible for financial support for the in-class portion of their training through the EPBC Apprentice Program Financial Supports. Application to this program must be made four to six weeks prior to the start of technical training. Information is available through WorkBC.

Apprentices must apply separately for Employment Insurance (EI) Benefits no later than the last week of work, or during the first week of training, or they will not be eligible to receive EPBC

Apprentice Program Financial Supports. EI information can be obtained by visiting Service Canada.

The Canada Apprentice Loan is an initiative of the Government of Canada. As of January 2015, apprentices can apply for up to \$4,000 in interest-free loans per period of in-school technical training. Information is available at the Canada Apprentice Loan Service Centre.

GENERAL PREREQUISITES

The following requirements apply:

- Completed KPU Apprentice Registration
- Active apprentice registration in the BC Apprenticeship system.
- Valid Trade Worker Identification number from the Industry Training Authority (ITA-ID). If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA (www.itabc.ca) prior to enrolling (Level 1 through to 4). To determine your eligibility please consult with the Industry Training Authority.

Note: International student enrolment requires approval of the Dean.

CURRICULAR REQUIREMENTS

Note: KPU Tech does not permit students to register in Apprenticeship Levels out of sequence.

Millwright Level 1 (AMIL 1010)

- Tools
- Trade Science
- Work Practices
- Cut, Fit and Fabricate
- Install Equipment

Millwright Level 2 (AMIL 1020)

- Trade Science
- Power Transmissions
- Cut, Fit and Fabricate
- Install Equipment
- Lubricants, Seals and Bearings
- Fluid Power

Millwright Level 3 (AMIL 1030)

- Pumps
- Fluid Power
- Power Transmissions
- Install Equipment
- Material Handling Systems

Millwright Level 4 (AMIL 1040)

- Prime Movers
- Trade Science
- Fluid Power
- Work Practices
- Install Equipment
- Compressors
- Operational Equipment Effectiveness

OTHER INFORMATION

Special Equipment

Students are required to supply the appropriate personal safety equipment steel-toed safety boots, safety glasses and coveralls.

CREDENTIAL AWARDED

KPU will report your in-school technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.