

# 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
Admission Type	Fixed term
Enrolment Type	Limited enrolment
Program Type	Vocational
Credential Granted	No Credential
Offered At	Cloverdale
Format	Full-time
How to Apply	www.kpu.ca/admission

## 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 apprentice 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. Additional information is available at: [kpu.ca/trades/millwright](http://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](http://red-seal.ca).

## Employment Insurance (EI) Eligibility

Provincial program financial supports must be applied for online through the Apprentice Online Portal at <http://www.apprenticeonline.gov.bc.ca/>. It is recommended that apprentices apply for these supports four weeks in advance of the start of their technical training and application must be made no later than the first day of technical training.

## PROGRAM ADMISSION REQUIREMENTS

- Active apprentice registration in the BC Apprenticeship system.
- A 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](http://www.itabc.ca)) prior to admission (Level 1

through to 4). To determine your eligibility please consult with the Industry Training Authority prior to applying for admission.

**Note:** International student Application for Admission requires approval of the Dean.

## PROGRAM REQUIREMENTS

### 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 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.