

# APPRENTICESHIP IN INDUSTRIAL MECHANIC/MILLWRIGHT

## At a Glance

### Faculty

kpu.ca/trades (<http://kpu.ca/trades/>)

### Area of Study:

kpu.ca/trades/millwright (<http://kpu.ca/trades/millwright/>)

### Academic Level:

Vocational

### Credential Granted:

### Intake Type:

- Open

## Description

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 SkilledTradesBC (<https://skilledtradesbc.ca/>).

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 a SkilledTradesBC standardized written exam for levels 1, 2, and 3. Additional information is available at: [kpu.ca/trades/millwright](http://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 6360 work-based training hours and is recognized in all jurisdictions across Canada; additional information is at: [red-seal.ca](https://www.red-seal.ca/eng/w.2lc.4m.2.shtml) (<https://www.red-seal.ca/eng/w.2lc.4m.2.shtml>).

## Training Schedules

KPU apprentice training schedules and waitlists are published on Kwantlen Course Search (<http://kpu.ca/registration/timetables/>). Additional apprenticeship training opportunities are listed on Trades Training BC (<http://www.tradestrainingbc.ca/>); 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 (<https://www.workbc.ca/discover-employment-services/apprentice-services/training-supports/>).

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 (<https://www.canada.ca/en/employment-social-development/corporate/portfolio/service-canada.html>).

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 (<https://www.pca-cal.ca/en/Home/>).

## Requirements

### General Prerequisites

The following requirements apply:

- Completed KPU Apprentice Registration (<http://kpu.ca/trades/apprenticeship-registration/>).
- Active apprentice registration in the BC Apprenticeship system.
- Valid Trade Worker Identification number from SkilledTradesBC. If you do not have a SkilledTradesBC ID, you will need to complete an apprenticeship registration form through SkilledTradesBC ([www.skilledtradesbc.ca](http://www.skilledtradesbc.ca)) (<https://skilledtradesbc.ca/>) prior to enrolling (Level 1 through to 4). To determine your eligibility please consult with SkilledTradesBC.

Note: International student enrollment requires approval of the Dean.

## Curricular Requirements

Note: KPU Tech does not permit students to register in Apprenticeship Levels out of sequence. SkilledTradesBC is changing the Industrial Mechanic (Millwright) Program (<https://www.itabc.ca/program/industrial-mechanic-millwright/>) over the period from 2018 through 2021.

Code	Title	Credits
AMIL 1010	Millwright Level 1	0
AMIL 1020	Millwright Level 2	0
AMIL 1030	Millwright Level 3	0
AMIL 1040	Millwright Level 4	0

## 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 SkilledTradesBC in order for SkilledTradesBC to determine credit towards your designated apprenticeship.

## Courses

### **AMIL 1010 0 credits**

#### **Millwright Level 1**

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (August 2009) for Industrial Mechanic (Millwright). Topics include: Trade Science, Work Practices, Tool Usage, and Cut, Fit and Fabricate Employment Insurance (EI) Eligibility. Provincial program financial supports must be applied for online through the Apprentice Online Portal at [apprenticeonline.gov.bc.ca](http://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.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. Additional requirements mandated by the Industry Training Authority may be required, contact Apprenticeship Services for information

### **AMIL 1020 0 credits**

#### **Millwright Level 2**

In this level, apprentices will complete the learning objectives as defined in the Industry Training Authority Program Outline (August 2009) for Industrial Mechanic (Millwright). Topics include: Trade Science, Power Transmissions, Cut, Fit and Fabricate, Install Equipment, Lubricants, Seals and Bearings, and Fluid Power Employment Insurance (EI) Eligibility. Provincial program financial supports must be applied for online through the Apprentice Online Portal at [apprenticeonline.gov.bc.ca](http://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.

Level: VO

Prerequisite(s): 1. Valid Trade Worker ID Number (ITA ID #) 2. Active apprentice registration in the BC Apprenticeship system 3. Millwright Foundation or Level 1 Technical Training 4. Additional requirements mandated by the Industry Training Authority may be required, contact Apprenticeship Services for information

### **AMIL 1030 0 credits**

#### **Millwright Level 3**

Level: VO

### **AMIL 1040 0 credits**

#### **Millwright Level 4**

Level: VO