

Landscape Horticulture: Apprenticeship

Faculty of Science and Horticulture	kpu.ca/science
School of Horticulture	kpu.ca/hort
Implementation Date	01-Sep-2011
Start Date(s)	Varies
Admission Type	Apprenticeship
Enrolment Type	Limited enrolment
Program Type	Vocational
Credential Granted	No Credential
Offered At	Langley
Format	Full-time
How to Register	www.kpu.ca/apprentice

DESCRIPTION

Horticulture Apprenticeship links learning and employment by providing apprentices the opportunity to further their education, while maintaining full-time employment in the horticulture industry. An apprenticeship is established when an employer and employee complete, sign and register an apprentice and sponsor registration form with the Industry Training Authority (ITA, www.itabc.ca). Apprentices may also apply to the ITA for work based training completed before the apprenticeship was established. Refer to www.itabc.ca for information. HortEducationBC (HEBC), the horticulture industry training organization, (www.horteducationbc.com) will sponsor individuals for one year which allows them to gain credit for technical training completed within the year.

The apprentice must complete four technical training levels. During each level, Apprentices attend a six-week technical training session for theoretical and practical instruction at the Langley Campus of KPU. The first two levels of the program focus on fundamental horticulture skills and knowledge. Subjects relevant to landscape horticulture operations are the focus in levels three and four.

The curriculum used for technical training has been developed and approved by the horticulture industry. It provides relevant, up-to-date information, and is based on recent technological advances in the horticulture field. Typically one level is completed each year but the opportunity exists to complete multiple levels in a single year depending on apprentice/student interest and the technical training schedule. Landscape Horticulture is a Red Seal Trade which signifies national recognition.

The proposed technical training schedule can be found at kpu.ca/registration/timetables/trades/hort. The schedule beyond the current year is subject to change <http://www.tradestrainingbc.ca/apprenticeship/schedules>.

Journeypersons in landscape horticulture are in demand. Municipal parks departments, golf courses, landscape contractors, and cemeteries often list a journeyperson certification as a minimum requirement when hiring horticulturists.

Transfer from Horticulture Foundation Programs

Graduates of Horticulture Foundation programs receive credit for Levels 1 and 2 of the technical training.

Costs

In addition to applicable tuition fees, students require the following:

- textbooks (purchased at the beginning of Level 1, 3, and 4)
- school supplies
- safety footwear
- rain gear
- field trips
- travel
- accommodation and food

Employment Insurance (EI) Eligibility

Provincial program financial supports must be applied for online through the Apprentice Online Portal at www.workbc.ca. Information on EI is available at www.servicecanada.gc.ca. It is recommended that eligible 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.

Transfer to a Diploma Program

Horticulture apprentices who complete Levels 1 and 2 will receive some credits if they choose to transfer to our Horticulture diploma program. Horticulture journeypersons (Certificate of Qualification) can continue their education in a Horticulture diploma program. Depending on the diploma specialty selected, journeypersons also receive some transfer credits. Journeypersons or apprentices are required to meet KPU's English entrance requirements to enter the diploma program.

STUDENT PROFILE

Students interested in the apprenticeship should have a strong desire for hands-on outdoor work, enjoy nature and living things, be concerned about the environment, and have entrepreneurial talents. Individuals with allergies to dust, pollen or plant products, or specific chemicals should be aware of the potential impact on their health. Physical fitness and a healthy back are generally required for a successful career in horticulture. Apprentices may work with plant protection products.

Apprentices in the practical Horticulture Apprenticeship program typically come from a number of horticulture enterprises. For example, they may be working for greenhouse owners, tree removal and maintenance companies, nurseries, golf courses, municipal parks, school boards or landscape maintenance/installation companies.

GENERAL PREREQUISITES

The following requirements apply:

- 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) prior to registering (Level 1 through to 4). To determine your eligibility please consult with the Industry Training Authority.

Technical training is open to any interested person who meets the admission requirements. A minimum of Grade 10 completion is preferred. HortEducationBC (www.horteducationbc.com), the horticulture industry training organization, will indenture individuals in horticulture for one year.

Note: International student enrolment requires approval of the Dean.

PROGRAM REQUIREMENTS

This program is designed to produce journeypersons with good theoretical and practical training, and experience in the horticulture industry.

Level 1 and Level 2 have the same requirements for both the Landscape Horticulture Apprentice and the Production Horticulture Apprentice. Level 3 and 4 are specialized to each apprenticeship.

Horticulture Apprentice Level 1 (AHCC 1010)

- Plant Materials I - A1
- Supervisory Skills - B1
- Equipment Maintenance - C1
- Plant Science - Morphology D1
- Plant Health - Signs/Symptoms - E1
- Soil Physical Properties - F1
- Horticulture Practices I - H1
- Level I Final Exam

Horticulture Apprentice Level 2 (AHCC 1020)

- Plant Materials II - A2
- Supervisory Skills - B2
- Equipment Maintenance II - C2
- Plant Science - Physiology - D2
- Plant Health - Pests, Diseases - E2
- Soil Chemical Properties - F2
- Horticulture Practices II - H2
- Level II Final Exam

Landscape Horticulture Apprentice Level 3 (AHLN 1030)

- Plant Maintenance III - A3
- Plant Health - Pest Management - E3
- Soil Management in the Landscape - F3
- Plant Care - Pruning - G1
- Irrigation & Drainage Maintenance - I1
- Landscape Estimating - J1
- Turf Maintenance Techniques - L1
- Level III Final Exam

Landscape Horticulture Apprentice Level 4 (AHLN 1040)

- Plant Materials IV - A4
- Plant Health - IPM programs - E4
- Plant Care - Cultural Operations - G2
- Landscape Installation - H3

- Irrigation & Drainage - Design - I2
- Garden Design Principles - K1
- Turf Maintenance Scheduling - L2
- Level IV Final Exam

CREDENTIAL AWARDED

Upon successful completion of an apprentice level, KPU will report your technical training completion information to the Industry Trade Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.