

Horticulture

Employment/Educational Opportunities

Careers in horticulture are based on plants and how they grow. Whether you like the design aspect, or prefer to grow vast fields of healthy nursery stock, or work setting climate controls in greenhouses, a solid basis in plant nutrition, soils, botany, pest management and mechanics are what you will need to learn.

Employment opportunity exist in: Botanical Gardens; Education, Research & Government; Floriculture; Garden Centre & Retail Nursery; Golf Courses; Grounds Management & Lawn Care; Interior Plantscaping; Irrigation Contracting; Landscape Contracting; Landscape Design & Architecture; Nursery & Field Crop Production; Parks Systems; Industry-Related Supplier.

Our program provides plenty of hands-on involvement ensuring that your Common Core Practical Horticulture Apprenticeship will be the very best. Abbotsford School District in partnership with Kwantlen Polytechnic University is pleased to provide students with the opportunity to receive their Common Core Practical Horticulture Apprenticeship Certification. Students completing this program can enter immediately into apprenticeship positions as it is an Apprenticeship Program (provincial standard taught throughout BC) leading to journey person status.

Required High School Courses

*(all * must be completed before beginning the program)*

- English 11*
- Social Studies 11*
- a Mathematics 11*
- a Science 11* (Biology 11 or Sustainable Resources 11 preferred)
- English 12
- Graduation Transitions 12
- Work Experience 12 A & B or YWIT



Common Core Practical Horticulture Program Components

(September or February intake at Kwantlen Polytechnic University – 6 week program followed by a 240 hour work experience in the Horticulture industry)

- WCB Regulations (Home Study)
- Fire Prevention (Home Study)
- Principles of Identifying Plants
- Plant Identification
- Plant Key
- Plant Growth
- Growth Process
- Effect of Plants on Environment
- Plant Stress & Plant Problem
- Physical Properties of Soil
- Factors Affecting Soil Aeration
- Macro/Micro Nutrients
- Nutrient Excess/Deficiency
- Horticulture Industry
- Environmental Guidelines