KPU Low Voltage Program

Introduction to Security Alarm Systems Installation

Description

This 3-week program prepares students for employment as a Security Alarm Installation Apprentice. Student will first learn low voltage electrical theory, electrical safety and codes, safe work practices, fire safety and electrical principals and then begin planning, designing and installing CCTV, Intrusion and security alarm systems in our work labs. Various practical projects are performed in a shop environment to enhance students' skills in lay out, assembly, installation, testing, troubleshooting and repairing security alarm systems, fixtures, control devices and related equipment in buildings and other structures.

The pathway to becoming a certified Security Systems Technician generally takes 2+ years to complete the in-school technical training and work-based training hours.

Taking a this Introduction program can build the skills that employers are looking for to help you progress as an apprentice; you will need to find an employer who will sponsor your apprenticeship and register you with the Industry Training Authority (ITA) at http://www.itabc.ca/program/security-systems-technician

When you are ready for career advancement KPU Continuing & Professional Studies (CPS) delivers advancement education programs with job-specific focus courses. Details and program dates are available using this link.

Student Profile

This program is suited for individuals that are tech-savvy, have strong mathematical and analytical skills, are detail-oriented and enjoy troubleshooting. Physical demands can vary; there is a considerable amount of climbing ladders, bending, reaching and hand-eye coordination activities.

- Good color recognition is important, since you will be working with electrical conductors where different colors mean different things.
- Physical mobility is important, since alarm installers must climb ladders, move around in crawlspaces and attics, do some bending and reaching and hand-eye coordination activities.
- Customer service aptitude and excellent English language skills (speaking, reading and listening) are required.
- Valid driver licence is preferred as company vehicles may be required to make service calls.
- Able to pass a security background check as per The Security Services Act of BC.

Career Opportunities

This program is entry-level training for a high demand tech industry and prepares graduates for employment by low voltage security alarm contractors and the maintenance departments of buildings and other establishments. Progression to supervisory positions or self-employment is possible; additional training and experience is offered to advance your career.

Admission Requirements

In addition to KPU's general university admission requirements, including the vocational-level English Proficiency Requirement, the program admission requirements below apply. If you are uncertain or don't meet the requirements, please contact us to arrange for testing to verify that you meet the requirements.

- Grade 12 or GED equivalent is preferred but at the minimum you must have completed; English 10, Math 10 and Science 10.
- If English is your second language, please contact our Low Voltage Program Coordinator listed on our [webpage](#).

Additional requirements

The following information will be required to be accepted into the program:

BC Security Worker Licence*

*The Security Services Act of BC requires all security alarm installers in the province to hold a valid Security Worker Licence (Licence type: Security Alarm Installer - under supervision). Once you have provided all other prerequisites you will receive a conditional acceptance package with details on how to obtain your Licence. For further information, please refer to the following webpages at; https://www2.gov.bc.ca/gov/content/employment-business/business/security-services/security-industry-licensing/workers/training-to-be-a-security-industry-professional

Notes:

- Group information sessions are regularly scheduled at the KPU Tech campus, and participation is highly recommended, please see our [website](#).
- International student application for admission require department approval.

Satisfactory physical health is also recommended. Prior to applying, prospective students with mental or physical impairments, who may require program accommodations, should contact Continuing & Professional Studies to discuss required skills and competencies and a Disability Advisor at 604.599.3233, to ensure appropriate accommodations can be arranged.

Curricular Requirements

No additional education or experience is required for enrollment into this introductory program.

Other Information

Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations which includes safety glasses, steel-toed boots and hard hat. A list of required tools will be provided at the beginning of classes.

Educational Materials

Students will be required to purchase a KPU Low Voltage Manual and a 2-inch 3 ring binder.

Tuition Fees

Please see our website for our [Refund Policy](), tuition, scheduling and [registration]().

Credential Awarded

Upon successful completion of this program, students will receive a Recognition of Achievement (RoA).