

## Career Oriented Curriculum for Senior Secondary Students – Pilot Course 2004-06

### 23 Creative Technology

#### Course-provider

[Vocational Training Council](#)

Hong Kong Institute of Vocational Education (Tsing Yi)

#### Learning Objectives

- Appreciate the current creative technology in both home and industrial environment.
- Understand basic programming techniques for automation and control.
- Learn to design a work that promotes intelligent concept.
- Acquire the creativity and problem-solving skills through project work / taking part in competition.

#### Course Outline

- Robot Intelligence
- Intelligent System
- Integrated Project

#### Articulation

Related further study opportunities in IVE:

Higher Diploma in Electrical Engineering; Higher Diploma in Intelligent Buildings and Automation Engineering; Higher Diploma in Mechanical Engineering; Higher Diploma in Building Service Engineering

Qualifications to be attained in related trade:

Graduates will be awarded Certificate offered by National Instruments HK Ltd. upon successful completion of this course.

Employment opportunities:

Graduates will benefit in taking up positions in the related industries including industrial automation, toys industrial, electronics and control industrial, home automation and security industry, instrumentation & measurement, robotics & mechatronics.

#### Course Fee

\$2,600

#### Number of Students

20

#### [More Details](#)