

# **NITEC IN BUILT ENVIRONMENT (VERTICAL TRANSPORTATION)**

## **Electives (Course Specific)**

### **Energy Audit**

On completion of the module, students should be able to conduct on-site energy audit using the appropriate measuring instruments and tools and recommend corrective measures for energy savings.

### **Building Fire-Fighting and Protection Systems**

On completion of the module, students should be able to service fire alarm and detection system, inspect one and two-ways emergency voice communication systems, automated sprinkler system, fire-fighting hydrants, hose reel system, fire suppression system and inspect portable types of fire extinguishers.

## **Electives (Joint ITE-Industry)**

### **Swimming Pool Maintenance**

On completion of the module, students should be able to carry out servicing, maintenance, repairs on swimming pool filtration system, and its equipment including carrying out water quality checks.

### **Pest Management**

On completion of the module, students should be able to carry out pest inspection work, prepare worksite for pest management, use pesticides and pest management equipment, prepares pesticides and supervise pest control operations performed by workers hired by the company. Upon completion of the course, students will be qualified to be licensed as technicians under the Control of Vectors and Pesticides Act 1998.