

## About SkillsFuture Series

The SkillsFuture Series provides everyone access to quality industry-relevant training programmes. Programmes are available in 8 areas that cover emerging and critical skills. Each area comprises a range of courses to cater to Singaporeans at all stages of learning - from beginner to intermediate to advance levels.

The 8 emerging and critical sectors are:

Data Analytics  
Finance  
Tech-Enabled Services  
Digital Media  
Cybersecurity  
Entrepreneurship  
Advanced Manufacturing  
Urban Solutions

The Singapore Institute of Technology and ITE are the lead training providers for Urban Solutions for the SkillsFuture Series.

Besides Urban Solutions, ITE may offer relevant courses in support of the other sectors.

## SkillsFuture Series for Urban Solutions

Urban Solutions comprises a suite of solutions which is aimed at improving the quality of life through building sustainable and liveable cities. It extends to the development, implementation and maintenance of intelligent transport systems, system engineering, sustainable built environment and adoption of clean energy solutions and more.

ITE offers a growing range of courses catering to 2 integral aspects of Urban Solutions extending to **Urban Transport** and **Urban Living**.

Successful completion of each course leads to a Certificate of Competency (CoC). The certificate will be issued to successful participants by Jul 2018.

Online and Counter Registration for selected courses will be from **Mon 12 Mar to Fri 23 Mar 18.**

For Online Application – Click [here](#)

For Counter Registration, please visit any of the 3 Colleges' ITE's Customer & Visitor Centres. The opening hours for ITE's Customer & Visitor Centres are Mon - Fri, 8.30am - 6.00pm. Please bring along your NRIC or Work Pass, the total fees (payable by cheque, VISA, MasterCard or NETS), and supporting documents where applicable.

The table below lists the training Schedule of the courses in Apr 18 intake.

Course Title	College *	Duration	Training Date	Day of training	Timing
CoC in VTOL Aircraft (Drone) Repair, Operation & Maintenance	CC	24	25 - 27 Jun	Mon-Wed	9.00am - 6.00pm
CoC in Human Factors in Aviation Maintenance	CC	42	18 Apr - 1 Jun	Wed, Fri	6.45pm - 9.45pm
CoC in Computer Networking (Switching & Routing)	CE	56	18 - 22 Jun, 25 - 26 Jun	7 full days	8.30am - 5.30pm
CoC in Electrical Principles & Installations	CE	60	17 Apr to 8 Jun	Tue, Fri	6.45pm - 9.45pm
CoC in Electrical Switchboard Testing & Maintenance	CE	30	20 Apr to 8 Jun	Fri	6.45pm - 9.45pm
CoC in Intelligent Building Control System	CE	60	11 to 25 Jun	Mon-Fri	9.00am - 5.00pm
CoC in Smart Home Systems	CE	60	16 Apr - 6 Jun	Mon, Wed	6.45pm - 9.45pm
CoC in Lift System & Equipment Maintenance	CE	60	11 - 25 Jun	Full day	9.00am - 5.00pm
CoC in Cyber Security Fundamentals	CW	21	17 Apr - 10 May	Tue , Thu	6.45pm - 9.45pm
CoC in Smart Living Solution (Home Protection)	CW	21	17 Apr - 8 May	Tue, Thu	6.45pm - 9.45pm
CoC in Cloud Computing Essentials	CE	60	16 Apr - 29 May	Mon, Tue, Wed	6.45pm - 9.45pm
CoC in Practical Robotics	CC	40	18 - 22 Jun	5 full days	8.30am - 5.30pm
CoC in Building Information Modelling : Engineering Graphics	CC	30	16 Apr - 16 May	Mon, Wed	6.45pm - 9.45pm
CoC in Intrusion & Access Control Technology (Workplace Protection)	CW	21	28 Apr - 12 May	Sat	9.00am - 6.00pm
CoC in Surveillance Technology (Workplace Protection)	CW	21	21 Apr - 5 May	Sat	9.00am - 6.00pm

\* CC : ITE College Central   CE : ITE College East   CW : ITE College West

**List of Courses for Urban Transport*****Air Transport***

[CoC in VTOL Aircraft \(Drone\) Repair, Operation & Maintenance](#)

[CoC in Introduction to Avionics Workshop Operations](#)

[CoC in Human Factors in Aviation Maintenance](#)

***Sea Transport***

[CoC in Introduction to Marine Diesel Engines](#)

[CoC in Quality Assurance & Control for Marine Industries](#)

***Land Transport - Rapid Transport***

[CoC in Introduction to Rapid Transit Electrical System](#)

[CoC in Rapid Transit Electrical Control System](#)

[CoC in Rapid Transit Power System](#)

**List of Courses for Urban Living*****Architecture & Interior Design***

[CoC in Architectural Detailing](#)

[CoC in Architectural Drawings & Techniques](#)

[CoC in Building Drawings & Submission](#)

[CoC in Digital Space Visualization \(Architecture\)](#)

[CoC in Digital Space Visualization \(Interior\)](#)

[CoC in Interior Applications](#)

[CoC in Interior Construction](#)

***Electrical Solutions towards Smart Nation***

[CoC in Computer Networking \(Switching & Routing\)](#)

[CoC in Electrical Principles & Installations](#)

[CoC in Electrical Switchboard Testing & Maintenance](#)

[CoC in Intelligent Building Control System](#)

[CoC in Smart Home Systems](#)

***Facility Management - Controlled Environment***

[CoC in Lift Installer](#)

[CoC in Lift System & Equipment Maintenance](#)

[CoC in Plumbing Maintenance](#)

[CoC in Building Information Modelling : Engineering Graphics](#)

[CoC in Building Information Modelling : 3D Modelling](#)

***Security Technology***

[CoC in Cyber Security Fundamentals](#)

[CoC in Intrusion & Access Control Technology \(Workplace Protection\)](#)

[CoC in Smart Living Solution \(Home Protection\)](#)

[CoC in Surveillance Technology \(Workplace Protection\)](#)

## **SkillsFuture Series for Advanced Manufacturing**

### **List of Courses**

[CoC in Cloud Computing Essentials](#)

[CoC in Data Visualisation Fundamentals](#)

[CoC in Practical Robotics](#)

## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Human Factors in Aviation Maintenance

#### Course Objectives

Participants will gain a foundational understanding of human capabilities and limitations in achieving safety, efficiency and well-being through optimizing the relationships between personnel and systems.

#### Course Content

Participants will acquire the following knowledge and skills:

- The importance of knowing human factors
- Capabilities & limitations of human performance
- Social environment and human behaviours
- Factors influencing human performance
- Environment conditions and interactions
- Types of tasks and their impact
- Methods of communication
- Theories of errors and violations
- Workplace hazards and safety

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

#### Course Details

##### Duration (Hours):

42

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$898.80

##### NETT Fee

(after 70% course fee subsidy)

- \$269.64

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$101.63

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$59.62

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

[Return to Course List - Urban Transport](#)

## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Introduction to Avionics Workshop Operations

#### Course Objectives

Participants will be equipped with knowledge in maintenance and material planning in an SAR-145 Approved Maintenance Organization.

#### Course Content

Participants will acquire the following knowledge and skills:

- Perform General Avionics Workshop Practice
- Describe the need of a humidity control workshop
- Explain types and functions of tools and equipment used for carrying out servicing and repair work
- Explain storage of tools and equipment in terms of 5S, safety precautions with use of tools and equipment
- Electrostatic discharge fundamentals and damage to equipment
- Perform simple floor plan layout
- Perform appropriate workshop documentation
- Perform of Facility and manpower planning

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

#### Course Details

##### Duration (Hours):

35

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$802.50

##### NETT Fee

(after 70% course fee subsidy)

- \$240.75

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$90.74

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$53.24

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

[Return to Course List - Urban Transport](#)

## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in VTOL Aircraft (Drone) Repair, Operation & Maintenance

#### Course Objectives

Participants will be equipped with skills and knowledge in CAAS drone standard, drone control skill, flight logging, battery maintenance and maintenance techniques.

#### Course Content

Participants will acquire the following knowledge and skills:

- Regulations applicable to small drone limitations, flight operation, and rating privileges
- Small drone performance, loading, and emergency procedures
- Operating requirements, airspace classification, obstacle clearance requirements, and flight restrictions that affect the operation of small drones
- General inspection and maintenance procedures
- Aeronautical judgment and decision-making situations

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

24

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$866.70

##### NETT Fee

(after 70% course fee subsidy)

- \$260.01

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$98.00

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$57.49

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Plumbing Maintenance

#### Course Objectives

Participants will be equipped with the skills and knowledge to install, repair and service residential piping systems and fixtures of water services plumbing systems in residential buildings in accordance with manufacturers' guidelines, statutory requirements and respective codes of practices.

#### Course Content

Participants will acquire the following knowledge and skills:

- Prepare sketches, interpret plumbing system drawings and its symbols
- Prepare tools and materials (pipes and fitting) from technical drawings
- Fabricate and install copper and stainless steel pipework
- Fabricate and install uPVC and polypropylene pipework
- Install electric instantaneous water heaters
- Install water fittings
- Repair and replace hot and cold water services
- Install water saving devices
- Rectification of leaks in pipework and fittings

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East  
10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$1,155.60

##### NETT Fee

(after 70% course fee subsidy)

- \$346.68

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$130.67

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$76.66

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Architectural Drawings & Techniques

#### Course Objectives

Participants will learn the techniques to visualise and translate 3 dimensional building and building spaces into the various types of architectural drawings.

#### Course Content

Participants will acquire the following knowledge and skills:

- Basic sketching techniques
- Architectural lettering
- Orthographic projections
- Architectural drawings
- Perspective drawings

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

[Return to Course List - Urban Living](#)

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Digital Space Visualization (Interior)

#### Course Objectives

Participants will learn to use architectural software to produce 2-dimensional and 3-dimensional interior design drawings.

#### Course Content

Participants will acquire the following knowledge and skills:

- Interior plans drawings
- Interior elevation & section drawings
- Interior modeling and rendering

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Digital Space Visualization (Architecture)

#### Course Objectives

Participants will learn to use architectural software to produce 2-dimensional and 3-dimensional architectural drawings.

#### Course Content

Participants will acquire the following knowledge and skills:

- Architectural plans drawings
- Building elevation & section drawings
- Architectural modeling and rendering

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Interior Construction

#### Course Objectives

Participants will learn to produce detailed construction drawings, basic specifications and schedules for interior elements.

#### Course Content

Participants will acquire the following knowledge and skills:

- Construction drawings for interior walls designs
- Construction drawings for interior flooring
- Drawings, specifications and schedule of interior furniture, fittings and equipment

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Architectural Detailing

#### Course Objectives

Participants will learn to produce detailed drawings, basic specifications and schedules for architectural & building elements.

#### Course Content

Participants will acquire the following knowledge and skills:

- Detailed drawings for standard types of wall
- Detailed drawings for standard types of floor
- Architectural construction of ceiling
- Detailed drawings for standard types of stairs
- Standard windows and doors detailed drawings

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Interior Applications

#### Course Objectives

Participants will learn to formulate design brief for interior design project, coordinate and produce design presentations & materials.

#### Course Content

Participants will acquire the following knowledge and skills:

- Interior design brief
- Interior space planning & design
- Selection of interior elements and finishes
- Use of colour and light in interior spaces

#### Level of Proficiency

Advanced

#### Entry Requirement / Course Advisory

This is an advanced course for learners who have a good grasp of the subject and looking to delve into the specialised topics. Assume substantial knowledge and experience in the subject.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Building Drawings & Submission

#### Course Objectives

Participants will learn the building planning guidelines and regulatory requirements to prepare building and submission drawings.

#### Course Content

Participants will acquire the following knowledge and skills:

- Prepare architectural building drawings
- Prepare Additions & Alteration drawings
- Prepare submission drawings

#### Level of Proficiency

Advanced

#### Entry Requirement / Course Advisory

This is an advanced course for learners who have a good grasp of the subject and looking to delve into the specialised topics. Assume substantial knowledge and experience in the subject.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$706.20

##### NETT Fee

(after 70% course fee subsidy)

- \$211.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$79.85

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$46.85

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Smart Living Solution (Home Protection)

#### Course Objectives

Participants will acquire a fundamental understanding of smart home security devices. They will learn to set up a simple system for monitoring and triggering an event alert such as water/gas leakage, smoke/fire detection and intrusion/medical alert.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Wired and Wireless Networking and Smart Living Solutions.
- Sensors and Actuators for Home Protection
- Interactive Mobile Devices and Applications
- Smart Living Solution - Set up a simple Smart Home Protection System

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

21

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$652.70

##### NETT Fee

(after 70% course fee subsidy)

- \$195.81

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$73.80

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$43.30

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Surveillance Technology (Workplace Protection)

#### Course Objectives

Participants will be able to set up and configure network cameras using PoE switch and laptop as well as the recording and playback setting on the network video recorder.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction of surveillance technology
- Basic network commands
- Introduction of Power over Ethernet switch
- Types of surveillance cameras
- Set up and configure surveillance system and network video recorder
- Set up and configure surveillance system with network video recorder

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

21

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$609.90

##### NETT Fee

(after 70% course fee subsidy)

- \$182.97

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$68.96

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$40.46

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Intrusion & Access Control Technology (Workplace Protection)

#### Course Objectives

Participants will be able to set up and configure Intrusion Alarm and Access Control systems.

#### Course Content

Participants will acquire the following knowledge and skills:

Intrusion Alarm Technology

- Introduction of Intrusion Alarm Technology and Terminologies
- Types of Intrusion Alarm System
- Set up and configure an Intrusion Alarm System

Access Control Technology

- Introduction of Access Control System. and Terminologies
- Methods of Identification
- Set up and configure an Access Control System

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

21

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$609.90

##### NETT Fee

(after 70% course fee subsidy)

- \$182.97

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$68.96

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$40.46

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Lift System & Equipment Maintenance

#### Course Objectives

Participants will be equipped with the skills and knowledge in the mechanical maintenance of lift system and equipment.

#### Course Content

Participants will acquire the following knowledge and skills:

- Interpret regulatory requirements for lifts and lift facilities
- Interpret the various aspects of lift engineering and layout drawings
- Describe various types of lift system and explain functions, working principles and location of major components of lift system
- Perform maintenance on various mechanical parts of lift

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$1,776.20

##### NETT Fee

(after 70% course fee subsidy)

- \$532.86

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$200.84

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$117.83

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Electrical Principles & Installations

#### Course Objectives

Participants will be equipped with the knowledge and skills to operate lighting and power circuits for residential premises.

#### Course Content

Participants will acquire the following knowledge and skills:

- Observe and comply to electrical safety
- Connect series and parallel electric circuits
- Perform circuits testing and measurements
- Calculate power and energy consumptions
- Draw home lighting and power circuits
- Test simple lighting and power circuits with overload and earth leakage protection
- Operate sensor-activated lighting circuit

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$823.90

##### NETT Fee

(after 70% course fee subsidy)

- \$247.17

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$93.16

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$54.65

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Lift Installer

#### Course Objectives

Participants will be equipped with the skills and knowledge in the installation of guide rails for lift car and counterweight for lift system.

#### Course Content

Participants will acquire the following knowledge and skills:

- Explain the purpose of guide rail system and its components
- Explain the purpose of the template and its fabrication
- Explain the purpose of the plumbline and its setting up
- Perform checks with calibration or special tools
- Install guide rails for lift car and counterweight

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

20

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$802.50

##### NETT Fee

(after 70% course fee subsidy)

- \$240.75

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$90.74

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$53.24

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Electrical Switchboard Testing & Maintenance

#### Course Objectives

Participants will be equipped with the skills and knowledge in the operation of circuit breakers & switchboards as well as testing and maintenance of switchboards and associated meters & relays.

#### Course Content

Participants will acquire the following knowledge and skills:

- Observe safety involved in switch board operation & maintenance
- Describe various types of switchboards used in industry
- Explain the principle of operation of low voltage circuit breakers
- Explain the various types of measuring instruments used in switchboard & their connections
- Outline essential requirements on metering & consumer's switch room
- Connect types of current transformers for metering & protection
- Operate types of overcurrent devices & protective relays used in switchboards
- Conduct visual inspection of switchboard
- Conduct essential tests on low voltage (LV) switchboards
- Perform inspection, testing & maintenance of electrical components & circuits of switchboard
- Practical assessment on inspection, testing & maintenance of switchboard

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$588.50

##### NETT Fee

(after 70% course fee subsidy)

- \$176.55

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$66.54

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$39.04

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Smart Home Systems

#### Course Objectives

Participants will be equipped with the knowledge and skills to install and operate a smart home system for residential premises.

#### Course Content

Participants will acquire the following knowledge and skills:

- Familiarise with Home Automation Basics
- Describe the key features of home automation systems
- Describe various methods and topologies associated with smart homes devices connections
- Install and program devices including switching, dimming, sensing and timer delay applications
- Program and perform scene control application
- Perform central control and visualisation design for smart home

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$834.60

##### NETT Fee

(after 70% course fee subsidy)

- \$250.38

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$94.37

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$55.36

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Intelligent Building Control System

#### Course Objectives

Participants will be equipped with the knowledge and skills to install, operate, maintain and troubleshoot a building control system.

#### Course Content

Participants will acquire the following knowledge and skills:

- Explain the fundamentals of Building Automation Systems
- Compare the various network architectures and topologies of major building automation systems
- Describe the components used in an electrical installation bus system (KNX)
- Execute the procedures in planning a new installation bus system project
- Implement electrical installation bus project
- Test, verify and commission a electrical installation bus system
- Perform diagnostic and troubleshooting on a completed electrical installation bus project

#### Level of Proficiency

Advanced

#### Entry Requirement / Course Advisory

This is an advanced course for learners who have a good grasp of the subject and looking to delve into the specialised topics.

Assume substantial knowledge and experience in the subject.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$930.90

##### NETT Fee

(after 70% course fee subsidy)

- \$279.27

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$105.26

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$61.75

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Cyber Security Fundamentals

#### Course Objectives

Participants will acquire a fundamental understanding of various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, malwares, loss of confidential information, and social engineering.

This course is based on EC-Council Certified Secure Computer User (CSCU). Course fees include the CSCU e-courseware and exam voucher.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Data Security
- Securing Operating Systems
- Malware and Antiviruses
- Internet Security
- Security on Social Networking Sites
- Securing Email Communications
- Securing Mobile Devices
- Securing the Cloud
- Securing Network Connections
- Data Backup and Disaster Recovery

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

21

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$588.50

##### NETT Fee

(after 70% course fee subsidy)

- \$176.55

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$66.54

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$39.04

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN LIVING

### CoC in Computer Networking (Switching & Routing)

#### Course Objectives

Participants will be equipped with networking skills and knowledge from network applications to the network protocols and services provided to the applications.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Network
- Routing & Switching Essential
- Scaling Network
- Connecting Network

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

56

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$1,358.90

##### NETT Fee

(after 70% course fee subsidy)

- \$407.67

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$153.66

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$90.14

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

### CoC in Cloud Computing Essentials

#### Course Objectives

Participants will acquire technical expertise in cloud computing with extensive hands-on practice and project work.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Cloud Computing
- Getting started with AWS
- Introduction to System Design
- Automation and Serverless Architectures
- Well-Architected Best Practices
- Deployment and Implementation

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Advanced Manufacturing](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$1,102.10

##### NETT Fee

(after 70% course fee subsidy)

- \$330.63

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$124.62

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$73.11

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

### CoC in Data Visualisation Fundamentals

#### Course Objectives

Participants will learn to create a dashboard consisting of visual representation of massive data interactively and to detect meaningful patterns for the business.

#### Course Content

Participants will acquire the following knowledge and skills:

- Data visualisation fundamentals
- Create visual presentation
- Perform data acquisition
- Create data analysis expression for business
- Create dashboard report

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Advanced Manufacturing](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

#### Course Fees (inclusive of GST)

##### Full Fee

- \$930.90

##### NETT Fee

(after 70% course fee subsidy)

- \$279.27

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$105.26

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$61.75

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

### CoC in Practical Robotics

#### Course Objectives

Participants are equipped with the basic knowledge of teaching and programming of industrial robots.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Robotics
- General characteristics of robots
- Basic components of Robots
- Classification of Robots
- Applications of Robotics
- Types of Joints
- Path Control
- Robot End Effector
- Robot Safety

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Advanced Manufacturing](#)

#### Course Details

##### Duration (Hours):

40

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$727.60

##### NETT Fee

(after 70% course fee subsidy)

- \$218.28

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$82.27

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$48.27

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Quality Assurance & Control for Marine Industries

#### Course Objectives

Participants will be equipped with skills and knowledge to perform quality assurance and control works in the marine & offshore industry.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to the various quality control systems used in the marine & offshore industry
- Verification of general and detail arrangement drawings
- Perform brazed joint inspection
- Perform welding joint inspection
- Perform dimensional checks of marine structures, platforms and vessels

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$995.10

##### NETT Fee

(after 70% course fee subsidy)

- \$298.53

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$112.52

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$66.01

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Introduction to Marine Diesel Engines

#### Course Objectives

Participants will be equipped with skills and knowledge in maintenance and repair of marine diesel engines.

#### Course Content

Participants will acquire the following knowledge and skills:

- Introduction to basic components of marine diesel engines
- Operating procedures of marine diesel engines
- General inspection and maintenance procedures marine diesel engines
- Repair procedures of faults commonly found in marine diesel engines

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

60

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$963.00

##### NETT Fee

(after 70% course fee subsidy)

- \$288.90

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$108.89

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$63.88

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Introduction to Rapid Transit Electrical System

#### Course Objectives

Participants will be equipped with skills and knowledge in basic electrical principles.

#### Course Content

Participants will acquire the following knowledge and skills:

- Perform simple electrical circuits connection
- Collect electrical parameters related to the circuits

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$567.10

##### NETT Fee

(after 70% course fee subsidy)

- \$170.13

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$64.12

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$37.62

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Rapid Transit Electrical Control System

#### Course Objectives

Participants will be equipped with the basic skills and knowledge in electrical control system.

#### Course Content

Participants will acquire the following knowledge and skills:

- Connect simple electrical control system
- Rectify common faults in rapid transit control system

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$567.10

##### NETT Fee

(after 70% course fee subsidy)

- \$170.13

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$64.12

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$37.62

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month



## SKILLSFUTURE SERIES FOR URBAN TRANSPORT

### CoC in Rapid Transit Power System

#### Course Objectives

Participants will be equipped with skills and knowledge in basic switchboard connection.

#### Course Content

Participants will acquire the following knowledge and skills:

- Draw and connect low voltage switch circuit
- Test low voltage switchboard circuit commonly used in rapid transit system

#### Level of Proficiency

Advanced

#### Entry Requirement / Course Advisory

This is an advanced course for learners who have a good grasp of the subject and looking to delve into the specialised topics.

Assume substantial knowledge and experience in the subject.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Transport](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

#### Course Fees (inclusive of GST)

##### Full Fee

- \$567.10

##### NETT Fee

(after 70% course fee subsidy)

- \$170.13

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$64.12

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$37.62

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

### CoC in Building Information Modelling: Engineering Graphics

#### Course Objectives

Participants will be equipped with skills and knowledge of Engineering Drawing and Design in creating simple 2D drawings and 3D building model.

#### Course Content

Participants will acquire the following knowledge and skills:

- Understand basic engineering drawings, design standard and practice
- Understand orthographic projection
- Visualise 3D objects from 2D drawings
- Introduction to BIM

#### Level of Proficiency

Basic

#### Entry Requirement / Course Advisory

This is an introductory course for learners who are new to the subject. No prior knowledge is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College Central  
2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$631.30

##### NETT Fee

(after 70% course fee subsidy)

- \$189.39

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme (after 90% course fee subsidy)

- \$71.38

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme (after 95% course fee subsidy)

- \$41.88

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

## SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

### CoC in Building Information Modelling: 3D Modelling

#### Course Objectives

Participants will be equipped with skills and knowledge in creating simple 3D model for a 2-storey building.

#### Course Content

Participants will acquire the following knowledge and skills:

- Understand architectural drawing of a 2-storey house
- Create 2D structural drawing of a 2-storey house based on given architectural drawing
- Create 3D structural model using BIM software
- Create 3D M&E model.

#### Level of Proficiency

Intermediate

#### Entry Requirement / Course Advisory

This is an intermediate course for learners who have a basic understanding of the topic. Some prior knowledge / experience is required.

Participants should preferably have language proficiency at Workplace Literacy & Numeracy (WPLN) Level 5 in Speaking and Listening, and Level 4 in Reading and Numeracy.

#### Certification Awarded

Certificate of Competency

[Return to Course List - Urban Living](#)

#### Course Details

##### Duration (Hours):

30

##### Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

#### Course Fees (inclusive of GST)

##### Full Fee

- \$631.30

##### NETT Fee

(after 70% course fee subsidy)

- \$189.39

- For Singapore Citizen & Permanent Resident

##### Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$71.38

- For Singapore Citizen aged 40 & above

##### Workfare Training Support scheme

(after 95% course fee subsidy)

- \$41.88

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month

