


<p>Counter Registration</p> <p>Please register at any ITE Customer & Visitor Centres during operating hours (Mon to Fri, 8.30am to 6.00pm. Closed on weekends and public holidays).</p> <p>You will need to bring along :</p> <ul style="list-style-type: none"> • Application form <div style="text-align: center;">  <p>Application Form for CoC.pdf</p> </div> <ul style="list-style-type: none"> • NRIC/FIN • Payment for fees • Applicants who are eligible for Mid-Career Enhanced Subsidy (MCES) Scheme and Workfare Training Support (WTS) Scheme are to visit any ITE Customer & Visitor Centre for counter registration 	<p>Mon 2 Jul to 15 Sep18</p> <p>(application to courses are based on the schedule as listed)</p>
<p>Web Registration >>> Closed</p>	<p>Mon 2 Jul to 13 Jul 18</p>

The table below lists the training Schedule of the courses in Aug/Sep 18.

Course Title	Proficiency Level	College *	Duration	Training Schedule
Air Transport				
CoC in VTOL Aircraft (Drone) Repair, Operation & Maintenance	Intermediate	CC	24	17 Sep - 19 Sep Mon – Wed 9.00am - 6.00pm
Building Information Modelling				
CoC in Building Information Modelling : Engineering Graphics	Basic	CC	30	6 Aug - 10 Sep Mon, Wed 6.45pm - 9.45pm
CoC in Building Information Modelling : 3D Modelling	Intermediate	CC	30	7 Aug - 11 Sep Tue, Thu 6.45pm - 9.45pm
Electrical Solutions				
CoC in Electrical Switchboard Testing & Maintenance	Intermediate	CE	30	3 Aug - 28 Sep Fri 6.45pm - 9.45pm
CoC in Residential Wiring Maintenance	Basic	CE	21	3 Aug – 14 Sep Fri 6.45pm - 9.45pm
CoC in Smart Home System (Voice Control)	Intermediate	CE	21	15 Sep – 17 Sep Sat, Sun, Mon 9.00am - 5.00pm
Facility Management				

CoC in Lift Installer	Intermediate	CE	20	17 Sep to 19 Sep Mon to Wed 9.00am - 5.00pm
Security Technology				
CoC in Cyber Security Fundamentals	Basic	CW	21	2 Aug to 28 Aug Tue, Thu 6.45pm - 9.45pm
CoC in Intrusion & Access Control Technology (Workplace Protection)	Intermediate	CW	21	4 Aug to 18 Aug Sat 9.00am - 5.00pm
CoC in Surveillance Technology (Workplace Protection)	Intermediate	CW	21	25 Aug to 8 Sept Sat 9.00am - 5.00pm
CoC in Security Project Cable Termination	Intermediate	CW	7	To be confirmed
CoC in Security Project T&C and Handover	Intermediate	CW	14	To be confirmed
Information Technology & Advanced Manufacturing				
CoC in Internet of Things (Smart Energy Management)	Basic	CE	27	2 Aug – 4 Sep Tue, Thu 6:45pm to 9:45pm
CoC in Computer Networking (Switching)	Basic	CE	21	6 Aug - 29 Aug Mon & Wed 6.45pm - 9.45pm
CoC in Micro:bit Applications	Basic	CC	7	11 Aug 18 or 8 Sep Sat 9.00am - 5.00pm
CoC in Cloud Practitioner Essentials	Basic	CE	15	14 Aug - 28 Aug Tue, Thu 6:45pm to 9:45pm
CoC in Internet of Things (Using SigFox Technology)	Basic	CC	7	8 Sep 18 Sat 9.00am - 5.00pm
CoC in Network Programmability Essentials	Intermediate	CE	7	17 Sep Mon 9.00am – 5.00pm
CoC in Smart Living Solutions (e-Home)	Basic	CW	7	24 Sep Mon 9.00am - 5.00pm
CoC in Practical Robotics	Intermediate	CC	40	24 Sep to 28 Sep Mon to Fri 8.30am - 5.30pm
Entrepreneurship				
CoC in Entrepreneurship 101 : Target Market with Data Analytics	Basic	CE	7	5 Sep Wed 9.00am – 5.00pm
CoC in Entrepreneurship 101 : Customer Engagement with ChatBot	Basic	CE	7	12 Sep Wed 9.00am – 5.00pm
CoC in Entrepreneurship 101 : Marketing Campaign with Augmented Reality	Basic	CE	7	19 Sep Wed 9.00am – 5.00pm

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

Note : Classes may be cancelled and a full refund will be given to the affected students if there is insufficient enrolment.

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 Building Drawings & Submission](#)

[CoC in Interior Applications](#)

[CoC in Interior Construction](#)

[CoC in Architectural BIM](#)

[CoC in Architectural Detailing & Visualisation](#)

Electrical Solutions

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

[CoC in Residential Wiring Maintenance](#)

[CoC in Smart Home System \(C-Bus\)](#)

[CoC in Smart Home System \(Voice Control\)](#)

[CoC in Smart Home System \(Z-Wave\)](#)

[CoC in Smart Home System \(KNX\)](#)

[CoC in Intelligent Building Control System \(KNX\)](#)

Facility Management - Controlled Environment[CoC in Lift Installer](#)[CoC in Lift System & Equipment Maintenance](#)[CoC in Plumbing Maintenance](#)**Building Information Modelling**[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 Surveillance Technology \(Workplace Protection\)](#)[CoC in Security Project Cable Termination](#)[CoC in Security Project T&C and Handover](#)**SkillsFuture Series for Information Technology & Advanced Manufacturing****List of Courses**[CoC in Cloud Computing Essentials](#)[CoC in Data Visualisation Fundamentals](#)[CoC in Practical Robotics](#)[CoC in Internet of Things \(Smart Energy Management\)](#)[CoC in Internet of Things \(Sigfox Technology\)](#)[CoC in Micro:bit Applications](#)[CoC in Cloud Practitioner Essentials](#)[CoC in Computer Networking \(Switching\)](#)[CoC in Computer Networking \(Routing\)](#)[CoC in Network Programmability Essentials](#)[CoC in Smart Living Solutions - eHome](#)

SkillsFuture Series for Entrepreneurship

List of Courses

[CoC in Entrepreneurship 101 : Target Market with Data Analytics](#)

[CoC in Entrepreneurship 101: Customer Engagement with ChatBot](#)

[CoC in Entrepreneurship 101 : Marketing Campaign with Augmented Reality](#)

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 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 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 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 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 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 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 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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Computer Networking (Switching)

Course Objectives

Participants will be able to set up, maintain and troubleshoot network applications, services and security to ensure smooth operations of Infocomm hardware.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Network
- Network client and devices
- Switch configuration
- Scaling Network

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):

21

Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Computer Networking (Routing)

Course Objectives

Participants will be able to set up, maintain and troubleshoot network applications, services and security to ensure smooth operations of Infocomm hardware.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Network
- Routing Configuration
- Setting Up Routers in a WAN

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

Course Details

Duration (Hours):

21

Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

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

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



SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Network Programmability Essentials

Course Objectives

Participants will be able to operate and interact using APIs to manage tasks on a controller-based network.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Network Programmability Essentials

Level of Proficiency

Intermediate

Entry Requirement / Course Advisory

Participants should have basic networking and programming knowledge.

Certification Awarded

Certificate of Competency

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

Course Details

Duration (Hours):

7

Training Venue:

ITE College East
10 Simei Avenue Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$288.90

NETT Fee

(after 70% course fee subsidy)

- \$86.67

- For Singapore Citizen & Permanent Resident

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

- \$32.67

- For Singapore Citizen aged 40 & above

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

- \$19.16

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Smart Living Solutions (eHome)

Course Objectives

Participants will acquire the knowledge and skills in setting up a smart living solution.

Course Content

Participants will acquire the following knowledge and skills:

- Set up wired and wireless networks
- Set up sensors and actuators for smart living system
- Set up mobile devices and applications

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):

7

Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

Course Fees (inclusive of GST)

Full Fee

- \$278.20

NETT Fee

(after 70% course fee subsidy)

- \$83.46

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$31.46

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$18.45

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

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

SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

CoC in Internet of Things (Smart Energy Management)

Course Objectives

Participants will learn Internet of Things (IoT) concepts using a top-down, approach of understanding IoT infrastructure and focusing down to the sensor device level.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Internet of Things (IoT)
- Program microcontroller to send sensor data to open cloud based platforms
- Introduction to Smart Energy Management System
- Sensor deployment planning on Reflected Ceiling Plan (RCP)
- System Network Installation
- System Administrator configuration
- IoT Case Study Group Discussion

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):

27

Training Venue:

ITE College East

10 Simei Avenue Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$791.80

NETT Fee

(after 70% course fee subsidy)

- \$237.54

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$89.53

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$52.53

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

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

SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

CoC in Internet of Things (Using Sigfox Technology)

Course Objectives

Participants will acquire knowledge on Internet of Things remote sensors deployment by using Sigfox communication network. Participants will be able to perform remote sensor deployment for their own usage. Training is conducted through hands-on practice and project work.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to Internet of Things remote sensors deployment by using Sigfox communication network.
- Selecting suitable sensor for interfacing with IoT microcontroller.
- Programming the IoT microcontroller microcontroller to send sensor data to Sigfox cloud.
- Configuring Cloud for sensor data receiving, alert rules generation and email alert.

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):

7

Training Venue:

ITE College Central
2 Ang Mo Kio Drive Singapore 567720

Course Fees (inclusive of GST)

Full Fee

- \$267.50

NETT Fee

(after 70% course fee subsidy)

- \$80.25

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$30.25

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$17.74

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

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

SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

CoC in Micro:bit Applications

Course Objectives

Participants will be able to build and program a microcontroller-based real-life application upon completion of the course.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to JavaScript Blocks Editor
- Design various programming codes to control and monitor different applications
- Mini Project to build and program a Variable Speed Smart Fan

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):

7

Training Venue:

ITE College Central
2 Ang Mo Kio Drive Singapore 567720

Course Fees (inclusive of GST)

Full Fee

- \$278.20

NETT Fee

(after 70% course fee subsidy)

- \$83.46

- For Singapore Citizen & Permanent Resident

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

- \$31.46

- For Singapore Citizen aged 40 & above

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

- \$18.45

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

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

SKILLSFUTURE SERIES FOR ENTREPRENEURSHIP

CoC in Entrepreneurship 101 : Target market with data analytics

Course Objectives

Participants will be able to apply skills in data analytics to perform market targetting upon completion of the course.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to the importance of data analytics in identifying target markets
- Perform keywords and number analytics
- Case Study to use analytics platform to interpret keywords and trends in market targetting

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.

However, participants need to bring along their personal mobile devices.

Certification Awarded

Certificate of Competency

Course Details

Duration (Hours):

7

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$203.30

NETT Fee

(after 70% course fee subsidy)

- \$60.99

- For Singapore Citizen & Permanent Resident

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

- \$22.99

- For Singapore Citizen aged 40 & above

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

- \$13.49

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

[Return to Course List - Entrepreneurship](#)

SKILLSFUTURE SERIES FOR ENTREPRENEURSHIP

CoC in Entrepreneurship 101 : Customer Engagement with ChatBot

Course Objectives

Participants will be able to set up a chatbot to engage customers upon completion of the course.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to current trends in customer service
- Set up ChatBot for customer service and engagement
- Mini Project to set up a chatbot for various functions such as identifying location, implement selling mechanics and facilitating reservations

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.

However, participants need to bring along their personal mobile devices.

Certification Awarded

Certificate of Competency

Course Details

Duration (Hours):

7

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$203.30

NETT Fee

(after 70% course fee subsidy)

- \$60.99

- For Singapore Citizen & Permanent Resident

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

- \$22.99

- For Singapore Citizen aged 40 & above

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

- \$13.49

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

[Return to Course List - Entrepreneurship](#)



SKILLSFUTURE SERIES FOR ENTRENEURSHIP

CoC in Entrepreneurship 101 : Marketing Campaign with Augmented Reality

Course Objectives

Participants will be able to develop a marketing campaign using Augmented Reality upon completion of the course.

Course Content

Participants will acquire the following knowledge and skills:

- Introduction to marketing campaigns on interactive platforms
- Integrate Augmented Reality into marketing collateral
- Mini Project to develop a marketing campaign using Augmented Reality

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.

However, participants need to bring along their personal mobile devices.

Certification Awarded

Certificate of Competency

[Return to Course List - Entrepreneurship](#)

Course Details

Duration (Hours):

7

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$203.30

NETT Fee

(after 70% course fee subsidy)

- \$60.99

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$22.99

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$13.49

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Architectural BIM

Course Objectives

This course will provide learners with the skills and technical knowledge to create BIM (Building Information Modelling) Model using Revit Architecture. Participants will be introduced to basic Revit techniques, tools and commands; they will learn fundamental Revit modelling skills to produce an industry-standard Revit model.

Course Content

On completion of the course learners should be able to produce BIM model by using an existing CAD file of a multi-storey Office Building. Techniques that will be taught will include setting up of grids and levels, importing of CAD files, building of topography, creation of critical building elements and applying relevant materials and finishes.

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):

15

Training Venue:

ITE College Central
2 Ang Mo Kio Drive Singapore 567720

Course Fees (inclusive of GST)

Full Fee

- \$502.90

NETT Fee

(after 70% course fee subsidy)

- \$150.87

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$56.87

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$33.36

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Architectural Detailing & Visualisation

Course Objectives

This course will introduce learners to the concept of 'green building' and equip them with intermediate Revit modelling skills and necessary technical knowledge to develop and detail identified building components for the purpose of designing a sustainable building.

Course Content

On completion of the course students should be able to understand the green building requirements of the building envelope in response to its climatic, environmental and site context. They should be able to create and detail out a designed building component to be integrated into the BIM model. Some of the techniques used will include generating sun path, creating and editing families, applying of materials and finishes to the building components and producing rendered images of the building.

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

Course Details

Duration (Hours):

30

Training Venue:

ITE College Central

2 Ang Mo Kio Drive Singapore 567720

Course Fees (inclusive of GST)

Full Fee

- \$813.20

NETT Fee

(after 70% course fee subsidy)

- \$243.96

- For Singapore Citizen & Permanent Resident

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

- \$91.95

- For Singapore Citizen aged 40 & above

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

- \$53.94

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Residential Wiring Maintenance

Course Objectives

Participants will be equipped with the knowledge and skills to operate and control lighting and power circuits in residential premises by both conventional and smart switches.

Course Content

- Observe and comply with electrical safety rules and regulations
- Connect series and parallel electric circuits
- Test electrical circuits and measure electrical quantities
- Perform circuit testing and measurements
- Draw home lighting and power circuits
- Operate lighting and power circuit using conventional and wireless smart switching control

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):

21

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Smart Home System (C-Bus)

Course Objectives

Participants will be equipped with the knowledge and skills to install and operate a C-Bus of smart home system.

Course Content

- Describe safety precautions to be taken when working with electricity
- Describe key features of C-Bus smart home automation system
- Describe capabilities and operation of C-Bus smart home system
- Install and program devices including switching, dimming, sensing and timer delay applications
- Program and perform scene control application

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

Course Details

Duration (Hours):

21

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$642.00

NETT Fee

(after 70% course fee subsidy)

- \$192.60

- For Singapore Citizen & Permanent Resident

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

- \$72.59

- For Singapore Citizen aged 40 & above

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

- \$42.59

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Smart Home System (Voice Control)

Course Objectives

Participants will be equipped with the knowledge and skills to install and operate a voice-controlled smart home system.

Course Content

- Describe safety precautions to be taken when working with electricity
- Describe key features of voice-controlled home automation system
- Describe capabilities and operation of voice-controlled smart home system
- 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

Course Details

Duration (Hours):

21

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$684.80

NETT Fee

(after 70% course fee subsidy)

- \$205.44

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$77.43

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$45.43

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Smart Home System (Z-Wave)

Course Objectives

Participants will be equipped with the knowledge and skills to install and operate a Z-Wave smart home system.

Course Content

- Describe safety precautions to be taken when working with electricity
- Describe key features of Z-Wave smart home automation system
- Describe capabilities and operation of Z-Wave smart home system
- Install and program devices including switching, dimming, sensing and timer delay applications
- Program and perform scene control application

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

Course Details

Duration (Hours):

21

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$642.00

NETT Fee

(after 70% course fee subsidy)

- \$192.60

- For Singapore Citizen & Permanent Resident

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

- \$72.59

- For Singapore Citizen aged 40 & above

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

- \$42.59

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Smart Home System (KNX)

Course Objectives

Participants will be equipped with the knowledge and skills to install and operate a C-Bus of smart home system.

Course Content

- Describe safety precautions to be taken when working with electricity
- Describe key features of KNX smart home automation system
- Describe capabilities and operation of KNX smart home system
- Install and program devices including switching, dimming, sensing and timer delay applications
- Program and perform scene control application

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

Course Details

Duration (Hours):

21

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$642.00

NETT Fee

(after 70% course fee subsidy)

- \$192.60

- For Singapore Citizen & Permanent Resident

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

- \$72.59

- For Singapore Citizen aged 40 & above

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

- \$42.59

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

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

SKILLSFUTURE SERIES FOR ADVANCED MANUFACTURING

CoC in Cloud Practitioner Essentials

Course Objectives

Participants will learn to build, configure and secure cloud applications. This course prepares participants for the Amazon Web Services (AWS) Certified Cloud Practitioner exam. Participants will also be awarded AWS certificate of completion.

Course Content

- Build a cloud service
- Secure the cloud service
- Create a scalability cloud application

Level of Proficiency

Basic

Entry Requirement / Course Advisory

Participants should have general IT technical and IT business knowledge.

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):

15

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$470.80

NETT Fee

(after 70% course fee subsidy)

- \$141.24

- For Singapore Citizen & Permanent Resident

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

- \$53.24

- For Singapore Citizen aged 40 & above

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

- \$31.23

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Intelligent Building Control System (KNX)

Course Objectives

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

Course Content

- Explain the fundamentals of Building Automation Systems
- Describe network architectures and topologies of KNX intelligent building automation system
- Describe the components of KNX electrical installation bus system
- Plan new KNX electrical installation bus system project
- Implement KNX electrical installation bus project
- Test, verify and commission KNX electrical installation bus system

Level of Proficiency

Advanced

Entry Requirement / Course Advisory

Participants should have basic networking and programming knowledge.

Certification Awarded

Certificate of Competency

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

Course Details

Duration (Hours):

30

Training Venue:

ITE College East
10 Simei Ave Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$791.80

NETT Fee

(after 70% course fee subsidy)

- \$237.54

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$89.53

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$52.53

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Security Project Cable Termination

Course Objectives

Participants will understand the various security system termination drawings and learn to perform cable termination in accordance with regulation and industry best practices.

The course is developed at the request of the Security Systems Association of Singapore (SSAS) to build up the service standard and productivity of security workers so as to improve the quality of jobs and offer good career progression pathways in the security industry.

Course Content

- Introduction to features and applications of cables
- Introduction to relevant cabling standards from BICSI and IEEE
- Understand riser diagram and line diagram for security projects
- Perform cable termination using appropriate tools
- Perform cable test
- Industry best practice
- Common problems in cable termination.

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

Course Details

Duration (Hours):

7

Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

Course Fees (inclusive of GST)

Full Fee

- \$267.50

NETT Fee

(after 70% course fee subsidy)

- \$80.25

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$30.25

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$17.74

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

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

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Security Project T&C and Handover

Course Objectives

On completion of this module, participants should be able to successfully complete security system test and commission in accordance with regulation and industry best practice.

The course is developed at the request of the Security Systems Association of Singapore (SSAS) to build up the service standard and productivity of security workers so as to improve the quality of jobs and offer good career progression pathways in the security industry.

Course Content

- Understand blueprints for security projects
- Perform T&C based on checklists
- Project documentation and training
- Handover and obtain final signatures
- Recommendation for password management
- Common problems in project handover

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

Course Details

Duration (Hours):

14

Training Venue:

ITE College West

1 Choa Chu Kang Grove Singapore 688236

Course Fees (inclusive of GST)

Full Fee

- \$417.30

NETT Fee

(after 70% course fee subsidy)

- \$125.19

- For Singapore Citizen & Permanent Resident

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

- \$47.19

- For Singapore Citizen aged 40 & above

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

- \$27.68

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

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

