

## 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

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