



Course Code: TGS-2023039924

## WSQ - AI-Assisted C Programming for Arduino

**Funding Available:** WSQ SkillsFuture Credit PSEA UTAP SFEC Absentee Payroll MCES

### COURSE INFORMATION

Sessions  
2 days

Duration  
16 hrs

Level  
Beginner

Assessment  
2 hrs

#### VENUE

12 Woodlands Square #07-85/86/87 Woods Square Tower 1, Singapore 737715. 5 mins walk from Woodlands (NS9) MRT station.

The venue is disabled-friendly.

### WHAT'S THIS COURSE ABOUT

Topic 1: Key Software Components in Embedded C

Identify C components: variables, data types, functions

Analyze specifications using AI tools

Map components to embedded system needs

Topic 2: Creating Arduino Applications with AI Tools

Use Arduino IDE and AI code assistants

Write and test embedded C programs

Apply AI to streamline development

Topic 3: Choosing the Right Controls and Features

Apply control structures and data handling

Use AI suggestions to meet design logic

Adapt C...

### WSQ FUNDING

Full Fee S\$800.00 Before GST

GST S\$72.00 9% of fee

Baseline Nett S\$472.00 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$312.00 SG age 40+ · 70% funded · incl. GST

## CERTIFICATION

- **Certificate of Completion from Tertiary Infotech** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Infotech.
- **OpenCerts from SkillsFuture Singapore** - After passing the assessment(s) and achieving at least 75% attendance, participants will receive an OpenCert (aka Statement of Achievement) from SkillsFuture Singapore, certifying that they have achieved the Competency Standard(s) in the above Skills Framework.

## REGISTRATION

<https://www.tertiarycourses.com.sg/wsq-ai-assisted-c-programming-for-arduino.html>



SCAN TO REGISTER

## SUPPORT

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