



Course Code: TGS-2022014979

WSQ - Hands-On Guide to IoT Development with Microcontrollers

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: Overview of IoT Technologies

Key concepts on IoT

Devices used in IoT

IoT communication standards

IoT applications

Topic 2: Microcontroller Programming for IoT

Setup equipment and programming environment

Establish MQTT communication protocol with the cloud server

Topic 3: Sensor data collection and monitoring

Collect sensor data for process control

Setup IoT cloud dashboard to monitor process

Topic 4: Manage Data and Triggers

Trigger actions to control process

IoT security

Final...

WSQ FUNDING

Full Fee S\$750.00 Before GST

GST S\$67.50 9% of fee

Baseline Nett S\$442.50 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$292.50 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/wsqa-hands-on-guide-to-iot-development-with-microcontrollers.html>



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SUPPORT

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