



Course Code: C726

Creating Smart Solutions with IoT and Microcontroller Coding

COURSE INFORMATION

Sessions
2 days

Duration
15 hrs

Level
Beginner

Assessment
NA

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...

COURSE FEE

Full Fee S\$700.00 Before GST

GST S\$63.00 9% of fee

Total Payable S\$763.00 Including 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.

REGISTRATION

<https://www.tertiarycourses.com.sg/creating-smart-solutions-with-iot-and-microcontroller-coding.html>



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SUPPORT

Email: sales@tertiarycourses.com.sg

Tel: +65 6100 0613

WhatsApp: <https://wa.me/6588666375>