



Course Code: TGS-2020506075

WSQ - Practical Electronics Design with Arduino Microcontroller

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

COURSE INFORMATION

Sessions
1 day

Duration
8 hrs

Level
Beginner

Assessment
1 hr

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: Introduction of Embedded Systems

Overview of Embedded Systems

Applications of Embedded Systems

Introduction to Arduino Microcontroller

Serial Communication

Topic 2: Introduction to Basic Electronics

Basic Electronics Concepts

Digital Input/Output

Pulse Width Modulation (PWM)

Topic 3: Analog Sensors and Transducers

Overview of Analog Sensors and Transducers

Analog Input/Output

Servo Control

Topic 4: Digital Sensors and Transducers

Overview of Digital Sensors and...

WSQ FUNDING

Full Fee S\$400.00 Before GST

GST S\$36.00 9% of fee

Baseline Nett S\$236.00 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$156.00 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-practical-electronics-design-with-arduino-microcontroller.html>



SCAN TO REGISTER

SUPPORT

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