



Course Code: TGS-2024051248

# WSQ - Mastering Semiconductor Key Modules for Enhanced CMOS Process Integration and Device Performance

**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 CMOS Process Modules and Process Flow

CMOS process modules

CMOS process flows

Topic 2: CMOS Process Integration and Performance

CMOS process integration and sort yield

CMOS device and reliability performances

Statistical process control

Packaging technologies

Overview of future IC technologies - Chiplet, FINFET and GAAFET

Final Assessment

Written Assessment (Short Answer Questions)

Case Study

## 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/wsqa-mastering-semiconductor-key-modules-for-enhanced-cmos-process-integration-and-device-performance.html>



SCAN TO REGISTER

## SUPPORT

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