



Course Code: TGS-2024049339

WSQ - Fundamentals of Semiconductor Device Physics and Process Integration

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: Fundamentals of Device Physics and Device Fabrication

Introduction to semiconductor device physics

Introduction to process modules

Basic manufacturing process flows

Layout and design rules

Topic 2: Process Integration Issues

Process integration and yield issues

Device performance issues

Device reliability issues

Follow up actions

Final Assessment

Written Assessment (SAQ)

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-fundamentals-of-semiconductor-device-physics-and-process-integration.html>



SCAN TO REGISTER

SUPPORT

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