



Course Code: TGS-2024051249

WSQ - Practical Design of Experiment (DoE) for Engineers and Researchers

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 Design of Experiment

Introduction to Design of Experiment (DoE)

Dependent and Independent variables

Purpose of DoE

Stages of DoE

Factor, Level and Treatment

Introduction to single factor experiments

One-Way Analysis of Variance (ANOVA)

Decomposition of the Sum of Squares

Topic 2 Factorial DoE

Introduction to Factorial DoE

Main Effects and Interactions between factors

Why using Factorial DoE

Two-Factors Two-Levels (2^2) DoE

Regression equation for...

WSQ FUNDING

Full Fee S\$900.00 Before GST

GST S\$81.00 9% of fee

Baseline Nett S\$531.00 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$351.00 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-design-of-experiment-doe-for-engineers-and-researchers.html>



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SUPPORT

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