DESIGN AIR-CONDITIONING AND MECHANICAL VENTILATION SYSTEM FOR ENGINEERS

A QUALITY TRAINING PROGRAMME BY XPRIENZ
experience the difference

With temperatures rising to 36°C, quality Air Conditioner design matters more than ever – Acquire the know-how to design Air-conditioning and Mechanical Ventialiation Systems and help keep the population cool!

With temperatures of up to 36°C locally,

possessing aircon design knowledge enables you to help others by

Determining the effects of external heat on buildings through thermal simulations

Applying Design for Maintainability (DfM) principles to simplify and economize maintenance

Achieve cost savings by developing more energy-efficient ACMV systems

CONTACT US to book your slots today!

Call **6438 9693** (XpRienz Hotline)

E-mail **enquiries@xprienz.com**

Industry Partner

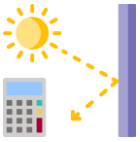
LG ELECTRONICS SINGAPORE PTE. LTD.
UEN **200416497W**

Training Provider

XPRIENZ PTE. LTD.
UEN **200409177Z**

Join us for our 2 – day Air Conditioning and Mechanical Ventilation System Design Course and learn how to

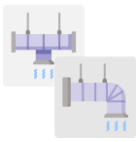
Relate ACMV specifications of component parts in designing cost-effective and efficient (ACMV) systems



Compute Envelope Thermal Transfer Value (ETTV) to achieve the thermal performance of the building envelope

Establish energy modelling methodologies and submission requirements to achieve cost-effective and efficient ACMV systems

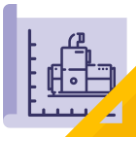
Select appropriate equipment sizing of chillers, water and air- side system components over a wide operating load condition



Incorporate pre-cool and carbon dioxide (CO2) demand control ventilation for designing cost-effective and efficient ACMV systems

Apply Design for Maintainability (DfM) principles in ACMV design to achieve ease, safety, and economy of maintenance tasks

Construct building energy modelling and thermal simulations using at least 2 software tools



Develop ACMV schematics and detailed layout plans to achieve cost-effective and efficient ACMV Systems

TSC Title

Air Conditioning and Mechanical Ventilation System Design – 3

Course Fees & Funding

Full Course Fee (incl. GST)		**$ 654.00**
	Subsidy	Fees Payable [1]
50% subsidy [2]	$ 300.00	**$ 354.00**
70% subsidy [3]	$ 420.00	**$ 234.00**

[1] Course Fees shown are inclusive of GST
[2] Applicable for Singapore Citizens & Permanent Residents aged 21 to 39 years
[3] Applicable for Singapore Citizens aged 40 years old and above / Applicable for SME Employer sponsored SGs or PRs; up to $4.50/hr Absentee Payroll Funding Support applicable

All information shown is correct at the time of printing. XpRienz reserves the right to make changes at any time without notice in its absolute discretion.

Refund Policy

- Refund requests are subject to approval
- Any refund request must be submitted at least three days prior to the course start date
- Refund requests submitted less than three days before the start date will be rejected
- No refund will be issued once the course has commenced, or, if the participant does not complete the assessment
- Refund requests must be submitted in writing using a provided form
- All approved refunds and/or any other forms of refunds will be processed within 4-6 weeks after the course end date

Course Information

Course Code
TGS-2022015521

Course Delivery
Classroom Learning (EN)

Course Duration
16 hours (2 days)

Funding Validity Period
03 Oct 2022 - 02 Oct 2024

XPRIENZ experience the difference