



AIRAH accredited

Professional Certificate in HVAC&R Fundamentals

Online fundamentals training for the HVAC&R industry



Professional Certificate in HVAC&R Fundamentals

The Professional Certificate in HVAC&R Fundamentals can fast-track your HVAC&R technical knowledge and skills or provide you with in-depth technical insight to build on your existing HVAC&R experience.

The 8 units in the program each examine equipment components and theories that will make you a more effective HVAC&R practitioner.

The units provide detailed information about the workings of HVAC&R equipment.

Participants can design and complete their own program across these 8 units, relevant to their own interests and needs.

Each individual unit will take approximately 5-8 hours to complete.

Multiple choice assessment; units must be completed within a period of 6 weeks from commencement.

Completion of the full Fundamentals program will take approximately 30-48 total hours.

Build your knowledge. Upgrade your skills. Get industry-wide recognition.

Find out more

For full individual course outline visit www.airah.org.au/PCHVAC_R

PROGRAM

Structure

8 course units
5-8 hours of activity per unit

Delivery

Online delivery - start at any time.
You will receive your login details for the online education portal.

Timeline

Students have a maximum of 6 weeks to complete each unit. If you do not complete the unit in the timeframe provided, financial penalties may apply.

Choice

The Professional Certificate in HVAC&R Fundamentals is designed so each unit can be undertaken separately, as preferred. Registration fees differ based on course load.

- 1⁽⁺⁾ Take individual units to upgrade specific skills.
- 8 Successfully finish all eight units to complete the HVAC&R Fundamentals program.
- 4 Complete four units comprising either the Air Fundamentals Certificate or the Water Fundamentals Certificate.

Assessment

Participants must complete knowledge assessment tasks (including self-assessment questions, quizzes and calculations) to demonstrate their competency.

Students must obtain a pass to successfully complete each unit. One resit option is available per unit.

WHO SHOULD ENROL?

This program is suitable for HVAC&R practitioners - including graduate mechanical engineers, technicians, and maintenance personnel involved in the design and/or day-to-day operations of HVAC&R systems - throughout their careers.

Whether you're a recent industry entrant or a seasoned professional, the Professional Certificate in HVAC&R Fundamentals program can upgrade your skills and industry knowledge to assist with your career development.

OUTCOMES

Upon successful completion of a unit or units within this program, candidates will receive a letter of completion outlining CPD hours and unit(s) completed.

Candidates who successfully complete all 8 units will also receive a program certificate.

Why AIRAH?

AIRAH is recognised as Australia's leading HVAC&R education and training provider. Adhering to the education development and delivery standards outlined by government accreditation authorities, AIRAH continues to offer the most up-to-date and relevant training programs for your career in the HVAC&R industry.

AIRAH: your access to the HVAC&R industry.

Online short course units



		Professional Certificate in HVAC&R Fundamentals	Air Systems Fundamentals Certificate	Water Systems Fundamentals Certificate
1	Air Filters in HVAC&R	✓	✓	
2	Duct System Design for HVAC	✓	✓	
3	Fans in HVAC&R and Industrial Ventilation	✓	✓	
4	Psychrometric Theory and Processes	✓	✓	
5	Cooling Towers - Installation, Operation and Maintenance	✓		✓
6	Cooling Towers - Selection	✓		✓
7	Pumps - General Pump Characteristics	✓		✓
8	Pumps - Pump Selection and Application	✓		✓

Complete this form, then email or post with payment to:

AIRAH Level 3, 1 Elizabeth St,
Melbourne Vic 3000

Phone: 03 8623 3000

Email: training@airah.org.au



Professional Certificate in HVAC&R Fundamentals

Registration

Once you register and pay the course fee, within 48 hours you will be sent your username and password to access the course. You will be able to access each individual course for six weeks.

Registration fee

	Member *	Non-member
1 Unit	\$360	\$540
4 Units	\$1,296	\$2,010
8 Units	\$2,300	\$3,700

* AIRAH members have free online access to the DA manuals referenced in the units.

Course selection

Select the individual course or multiple courses by marking the boxes.

Air Filters in HVAC&R

Duct System Design for HVAC

Fans in HVAC&R and Industrial Ventilation

Psychrometric Theory and Processes

Cooling Towers – Installation, Operation and Maintenance

Cooling Towers – Selection

Pumps – General Pump Characteristics

Pumps – Pump Selection and Application

Cancellation and refund policy

Registration may be cancelled up to five working days prior to commencement with participants either transferring to another course/event or receiving a refund less a 20 per cent administration fee. No refund will be given where cancellation is 24 hours or less. In all other cases of cancellation, the extent of any refund will be at the discretion of AIRAH. You may substitute another participant at any time prior to commencement should the nominated person be unable to participate. Where a non-member replaces a member the difference between member and non-member rates will be charged. Requests for refunds can be made by email to accounts@airah.org.au.

Participant details

Mr/Mrs/Ms Family name

Given name Preferred name

Title

Address

Suburb Postcode

Mobile

Email

Billing details

Company name

Address

Suburb Postcode

Phone

Email

Payment

\$ EFT Mastercard Visa Cheque

Please Note: If paying by EFT, a tax invoice with payment details will be issued. If paying by cheque, please make your cheque payable to AIRAH.

Once this form has been submitted to and received by AIRAH's education team, we will contact you to process and/or confirm your payment. Please note your enrolment in this program/course is not confirmed until this step has been completed.

Tax invoice: Upon payment, a tax receipt will be sent to you.
ABN: 81 004 082 928.

Disclaimer: In making this application, I fully understand that it is for enrolment to the Professional Certificate in HVAC&R Fundamentals – Air and Water Systems or one of its individual units. Registration can be on a single, group of four or eight-unit basis. I understand that payment is required prior to me being given access to the online education portal. AIRAH is a self-accrediting nationally recognised peak industry body for HVAC&R. Go to www.airah.org.au for more information.

Note - AIRAH's online professional development training system may need to be temporarily shut down for maintenance during the training program. AIRAH will endeavour to inform all students of any downtime well in advance.

Participant's signature

Date