

AMCA Accredited Qualifications

**MEM40422**

# Certificate IV in Engineering Drafting



Find out more

1300 475 615

[training@amca.com.au](mailto:training@amca.com.au)



## MEM40422 | Certificate IV in Engineering Drafting

### Overview

The AMCA Certificate IV in Engineering Drafting is a nationally accredited program that provides industry specific training for draftspersons in the Air Conditioning and Mechanical Services Industry. AMCA Australia (RTO 5139) is the peak industry body representing air conditioning and mechanical services across Australia. This course was created by AMCA members to meet the needs of the industry and graduates are highly sought after.

### Participant prerequisites

To participate in the program, the participant must be employed in a mechanical services drafting office.

### How to apply

Intake occurs in February annually and commencement varies. To register your expression of interest please email [training@amca.com.au](mailto:training@amca.com.au) or head to [amca.com.au/AccreditedQualifications](http://amca.com.au/AccreditedQualifications).

Applicants are required to take an online suitability questionnaire and a face-to-face interview to assess the suitability of the course to their needs. This will include a language, literacy, and numeracy assessment (LL&N).

### AMCA drafting course

The AMCA drafting program is designed to be responsive to individual, company and industry needs with a focus on:

- Up-to-date Industry and educational technology
- Current workplace practices
- "Hands on" workplace experiences
- Computer Aided Design (CAD)

## Duration and delivery

This course is delivered on a part-time basis over three years. Competency-based training and assessment is undertaken in the workplace and is supported by 5 x 1 block weeks, which the student must attend. Block week training will be conducted in the AMCA Training rooms in Burwood, Victoria.

Recognition of prior learning or credit transfer is available if you have a previous recognised qualification and/or relevant industry experience.

Flexibility associated with face-to-face classes may be required due to COVID restrictions or other factors, whereby classes may be postponed or delivered virtually.

## Qualification awarded

Upon satisfactory completion of all the assessment requirements, the student will be issued with a Certificate IV in Engineering Drafting and accompanying certificate. Those students who do not complete this course will receive a Statement of Attainment for the units completed.

## Student handbook

For further information about our training policies and procedures, refer to the [AMCA Student Handbook](#), which can be downloaded from the [AMCA Australia website](#) and Learning Management System (LMS).

## Course structure

### MEM40422 Certificate IV in Engineering Drafting

| Core units     |   |
|----------------|---|
| MEM16006*      | Organise and communicate information  |
| MEM16008       | Interact with computing technology  |
| MEM30012       | Apply mathematical techniques in a manufacturing, engineering, or related environment |
| MSMENV272      | Participate in environmentally sustainable work practices                             |
| Elective units |   |
| MEM09229*      | Read and interpret technical engineering drawings                                     |
| MEM13015       | Work safely and effectively in manufacturing and engineering                          |
| MEM09204*      | Produce basic engineering detail drawings   |
| MEM09206       | Produce drawings for mechanical services  |
| MEM09207       | Produce drawings for reticulated services   |
| MEM09217       | Prepare plans for pipe and duct fabrication   |
| MEM09218       | Participate in drafting projects for building services                                |
| MEM30031*      | Operate computer aided design (CAD) system to produce basic drawing elements          |
| MEM30033       | Use computer aided design (CAD) system to create and display 3D models                |
| CPCWHS1001     | Prepare to work safely in the construction industry                                   |
| CPCPCM4012     | Estimate and cost work  |

*\* Units marked with an asterisk have one or more prerequisite requirements and must be delivered and assessed before the unit that they underpin.*

## Fee structure

### MEM40422 Certificate IV in Engineering Drafting

- Course cost includes course materials, morning/afternoon teas and lunches.
- Course cost **DOES NOT** include airfares and accommodation.

| Payment schedule        |                                     |                                       |
|-------------------------|-------------------------------------|---------------------------------------|
|                         | AMCA Member pricing                 | Non-member pricing                    |
| Enrolment fee           | \$1,500**                           | \$1,500**                             |
| Per unit                | \$743 x 15 units<br>(Including RPL) | \$1,046 x 15 units<br>(Including RPL) |
| Total                   | \$12,650 per student                | \$17,190 per student                  |
| Replacement certificate | \$25                                | \$25                                  |

## Payment structure

- 50% of the unit tuition will be invoiced on commencement of the unit.
- The remaining 50% of the unit tuition will be invoiced upon completion of the unit.

## AMCA Australia refund and cancellation policy

*\*\*A full refund of \$1,500 of the enrolment fee will be given if AMCA Australia is notified in writing within **10 working days** of the course commencement date. Student substitutions will be considered if they fit the course criteria (notification must be in writing to AMCA Australia). AMCA Australia reserves the right to cancel, postpone or reschedule training due to insufficient registrations or other reasons beyond their control.*



## NATIONAL OFFICE

### **AMCA House**

30 Cromwell Street  
Burwood Victoria 3125

1300 475 615

[training@amca.com.au](mailto:training@amca.com.au)