

# MAINTAIN HYDRAULIC COMPONENTS / SYSTEMS

**Central Queensland Institute of TAFE is offering this accredited short course to reinforce, supplement, and complement participants' understanding in the area of hydraulics and systems in the agricultural, mining, construction and processing industries with existing mechanical knowledge. People exposed to hydraulics systems in their work on a daily basis will benefit greatly from professional quality training in this area.**

### What job could training lead to?

Skills gained in the course enables you to advance your career in mechanical engineering.

### Am I eligible?

Entry requirements are that you must be a 3rd or 4th year apprentice (fitting and machining) or a trades person with industry knowledge.

### What will I receive?

Students will receive a Result of Assessment on completion. A Statement of Attainment is also available on request.

### Can I go on to further training?

Yes. This course covers units from the national training package, so you may receive recognition towards a certificate or diploma level engineering qualification. Depending on your desired outcomes, CQ TAFE has a wide range of training pathways that may suit you.

### How long will the training take?

This program is offered full time or by flexible part time to ensure those working can obtain these specialised skills. Duration is usually one week full time however, this may change depending on units and training mode chosen and any relevant academic or work history.

The program covers the competencies required to inspect and assess hydraulic system components, identify and repair or replace faulty components using fluid power principles to pre-determined specifications interpreted from data sheets and circuits diagrams.

Participants will gain knowledge of the following:

- Undertake checks/adjustments on hydraulic systems
- Undertake fault finding
- Localise and confirm malfunctions in system components through inspection and testing using fluid power principles, procedures and safety requirements
- Recommission hydraulic systems
- Perform schedule preventive maintenance
- Design hydraulic circuits, drawings, instructions, manuals and data sheets
- Maintenance records/service reports are updated and completed by appropriate designated means

### Where, when and how can I train?

#### General Public

Location	Notes
Gladstone Tafe Main Campus	Full time - Part time, Day - Night, Mixed (Work-based - Classroom / Training Facility), Register your interest

#### General Public - User Choice

Location	Notes
Central Highlands Main Campus	02/11/2009-06/11/2009, Full time, Day, On campus (Classroom / Training Facility), Monday to Friday 8:00am-5:00pm

### Is what I already know taken into account?

Yes. Your history of study, skills and experience does matter. Consideration is given to your prior life and work experiences as well as formal and informal training. This may be applied using the national standard for Mutual Recognition or through Recognition of Prior Learning (RPL). Documentary evidence will be requested.

### What else might I find useful?

Information about student support, recognition of prior learning, financial assistance, study and library assistance can be found at: [www.cq.tafe.qld.gov.au/students](http://www.cq.tafe.qld.gov.au/students)

To ensure a place in this course an enrolment form must be completed and full payment received. Enrolments can be made over the phone with a credit card, in person or via mail. Fees may be paid by credit card, cash, EFTPOS or money order.

### Materials / Other Requirements:

Students must wear long sleeved shirt and pants, steel capped work boots, safety glasses in accordance with the TAFE safety policy.

Students are required to provide their own pens and notepads to undertake the theory components of this course.

Please note: - While competencies listed in the brochure are offered by CQ TAFE, all may not be offered through individual campuses or during the current semester. Unit hours displayed are the typical supervised nominal hours for typical attendance but actual hours can vary. The information contained within this brochure was correct at the time of printing.

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To ensure a place in this course an enrolment form must be completed and full payment received. Concession card must be produced at time of enrolment. Enrolments can be made over the phone with a credit card, in person or via mail. Fees may be paid by credit card, cash, EFTPOS or money order.

## Units of competency

### Required Units

Unit	Description
MEM18020B	Maintain hydraulic system components
MEM18021B	Maintain hydraulic systems

### How do I apply and where can I find more information?

Phone the Customer Contact Centre on 1300 CQ TAFE (1300 27 8233) or visit our website: [www.cq.tafe.qld.gov.au](http://www.cq.tafe.qld.gov.au)

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