

# Hydrogen fuel cell electric vehicles



TAFE Queensland offers a range of micro-credentials designed to provide valuable information on new and emerging industries. These micro-credentials are intended to assist participants to learn more about working in emerging hydrogen industries. The micro-credentials are online and self-paced, making them a flexible and accessible way to study and gain a recognised learning outcome and digital badge.

## Course Overview

This collection of micro-credentials provides a range of courses to support operating safely around hydrogen vehicles.

These courses include the fundamentals, electric systems and hydrogen systems.

## Courses include

### Fundamentals

MCC00084 Introduction to hydrogen

MCC00083 Hydrogen safety

### Safe operations

MCC00147 Operating safely around hydrogen

MCC00112 Hydrogen vehicle safety, refuelling driver and emergency responses

### Electric systems

MCC00111 Electric vehicle light truck CATL battery

MCC00110 Electric vehicle safety, components and systems

MCC00156 Electrical drive and vehicle control systems

MCC00105 Hydrogen fuel cells

### Hydrogen systems

MCC00149 Hydrogen driver operations

MCC00148 Hydrogen refuelling

## Learning Outcomes

- Understanding of the different types and classifications of hydrogen vehicles
- Understanding of hydrogen fuel cell design
- Understanding of CATL Battery systems
- Understanding of operating high voltage systems
- Understanding of hydrogen safety and emergency responses
- Knowledge of procedures, common practices, steps and guidelines for refuelling procedures.

## Delivery

These online micro-credentials are self-paced and will take approximately 2-3 hours each to complete including activities.

Upon completion of all components including quizzes, participants will be awarded a verifiable digital certificate and badge.

## Find out more:

To enrol or for further information go to: [Hydrogen fuel cell electric vehicles](#)

