

# FUELLING A HYDROGEN FUTURE: STEM SKILLS FOR SECONDARY LEARNING

Hydrogen focused online  
learning micro-credentials –  
FREE for all Education  
Queensland Secondary Students  
from 15<sup>th</sup> May 2023

The hydrogen industry is set to be a promising option for storing energy from renewables, advancing the decarbonisation of regional and global economies and positioning Queensland as a sustainable energy powerhouse nationally and internationally.

Further information contact:

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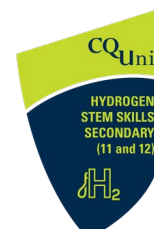
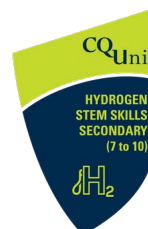
[cqu.edu.au/industry-and-partnerships/  
professional-development-courses](http://cqu.edu.au/industry-and-partnerships/professional-development-courses) for enrolment

The QCAA/ACARA curriculum aligned online learning resources are available for students in Years 7-10 and Years 11-12. These non-creditable micro-credentials are awarded a digital badge and a Certificate of Completion.

## Students will explore:

- Chemical and physical properties of hydrogen
- History of hydrogen fuel
- Hydrogen applications
- Hydrogen storage and transport
- Hydrogen safety
- Future of the hydrogen industry

The micro-credentials are aligned to the United Nations Sustainable Development Goal (SDG) 7 – Affordable and Clean Energy and include Queensland-based STEM industry professional profiles.



## Supported by:



Queensland  
Government

