



# Hydrogen Energy Fundamentals

## Microskill

It's an exciting time to be involved in sustainability with technological advancements transforming the market. Hydrogen energy is set to play a crucial role, potentially cutting Australia's greenhouse gas emissions to one-third of current levels by 2050.

### Course description:

This is an introductory course for individuals who are keen to gain a foundational understanding of hydrogen energy and its role in the future of our energy systems. The course dives into the fundamental properties, advantages, applications, and risks associated with hydrogen, providing a comprehensive knowledge base for those interested in potential fuel source.

### Learning outcomes include:

- Identify hydrogen as a fuel source, including its properties, benefits, and challenges
- Identify the diverse range of applications where hydrogen is suitable for use
- Identify potential risks and hazards associated with the use of hydrogen
- Know how to act safely when interacting with hydrogen

### Learn more:

Visit [tafensw.edu.au/microskills](https://tafensw.edu.au/microskills) or email [support.training@tafensw.edu.au](mailto:support.training@tafensw.edu.au).

### Train your team

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### Duration

1 hour

### Study type

Study online, on-demand – 6 months access from day of enrolment

### Start date

Anytime

### Course outcome

Non-nationally recognised certificate of completion

### Cost

\$70.00

Discount available for bulk purchase over 100.

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