

### Teaching the Future Workforce Currency, Connection, Co-design

Dr Yasmin Chalmers, Carley Brennan, Katelyn Sharratt 18 October, 2021





### What is the opportunity?



Photo Credit: Hankyoreh





### Why is VET vital to STEM?

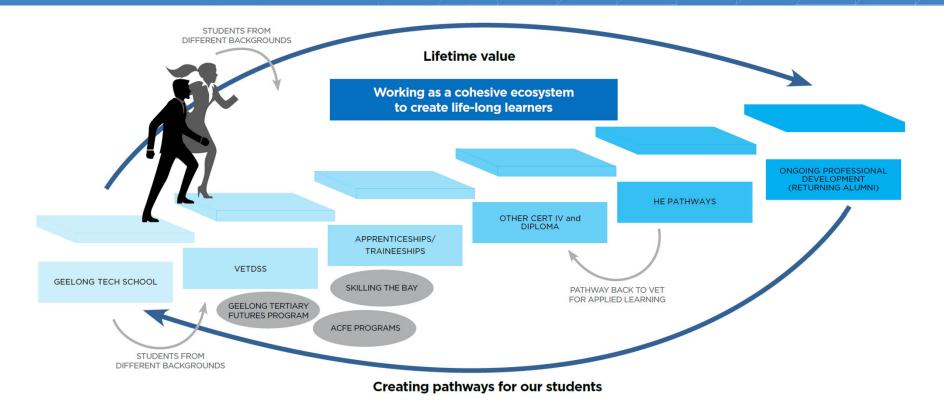
"VET employs a learning model uniquely suited to teaching STEM skills in real or simulated workplaces, in close collaboration with industry and employers. This model makes the VET sector an ideal provider of skill development."

Source: NCVER: Why VET is vital to the STEM conversation (ncver.edu.au) 18 Oct 2016





### The Gordon's View



Source: The Gordon's Education Strategy 2021





### How can we improve education?



- Designing training to meet the industry skills demand and job trends.
- Offering pathways or "transitionto-practice" programs.
- Developing entrepreneurial and innovative mindsets.





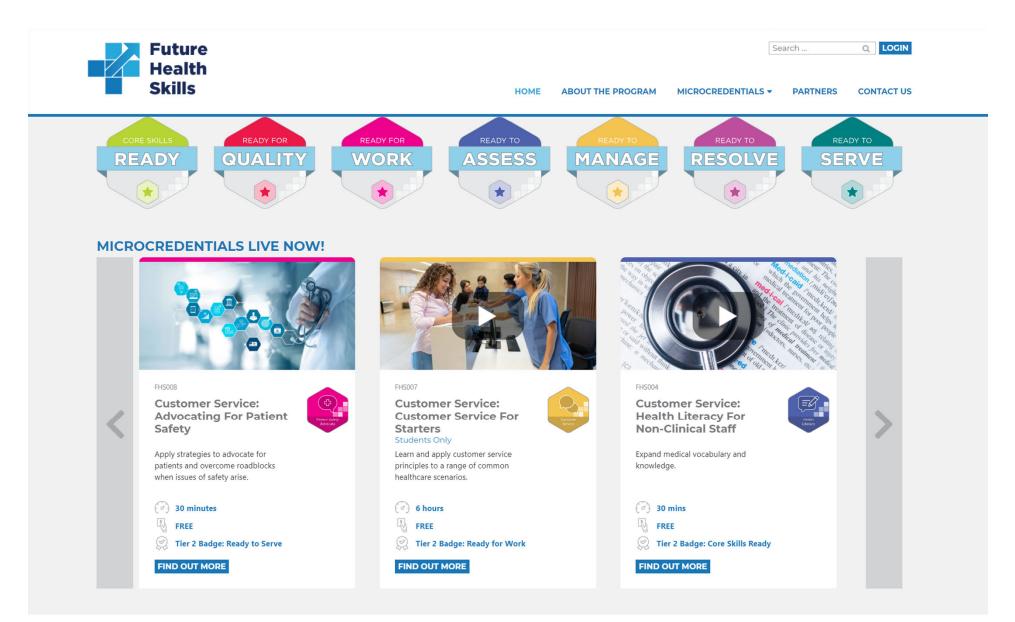


# **Industry Collaboration and Education**

- Collaborate with key stakeholder groups to raise awareness of industry issues/opportunities.
- Support industry in understanding workforce and training development requirements.
- Support socio-disadvantaged community members to undertake foundations skills training.
- Support STEM education pathways.







#### https://www.futurehealthskills.edu.au/





# **Education Pathways**







### **Entrepreneurship & Innovation**

- Building adaptive and responsive teaching practices.
- Habits of inquiry, questioning and evidence-gathering.
- Techniques for incorporating teamwork, creativity and new presentation skills.









### **Our Future**

- Co-designing learning with industry to enhance student education journeys.
- Exposing students to be more curious by research and innovation.
- Teacher-Industry Immersion programs.
- Simulated work-learning environments for practice-based learning.





### Any questions?



# Thank you



