AGI

AUSTRALIAN GLOBAL INSTITUTE

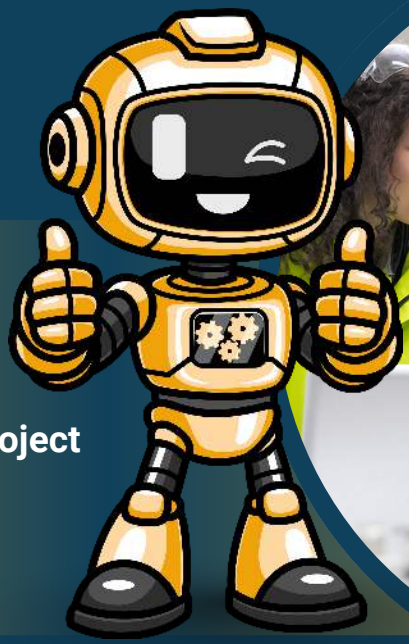
RTO 31690 CRICOS 03784E

BUILD A ROBOT. BUILD A CAREER.

Certificate II in Integrated Technologies (Pre-vocational)

Robotics Control Stream

22586VIC



- Setting up and programming a robotic system
- Designing parts in CAD and running your own build project
- 4 QCE credits when you finish the whole certificate

WIRE IT. PROGRAM IT. TEST IT. BREAK IT. FIX IT.

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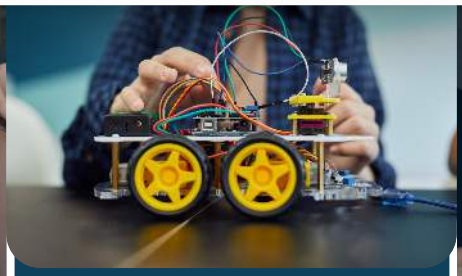
SO WHAT DO YOU ACTUALLY DO?

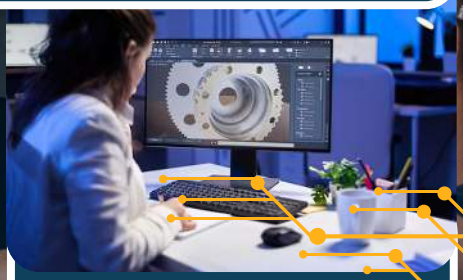
Build it

Assemble and wire a robotic system, then set up the controls that make it move.



Program it

Set Up and Program a Fundamental Robotic System



Design it

Draw parts in CAD, work to a plan, and use the tools properly and safely.

Six core units

- **UEECD0007** - Apply work health and safety regulations, codes and practices in the workplace
- **VU23109** - Prepare to work in an integrated technologies environment
- **VU23110** - Use routine work practices in an integrated technologies environment
- **VU23111** - Apply electrotechnology knowledge and skills in integrated technologies work
- **VU23112** - Use Computer Aided Drafting and Design software applications in integrated technologies work
- **VU23113** - Carry out an integrated technologies project

Four Robotics Control Stream units

- **VU22338** - Configure and program a basic robotic system
- **VU23117** - Implement a digital circuit using a programmable logic device
- **VU23118** - Install, test and verify correct operation of a by-wire control system
- **VU23119** - Install, set up and test an embedded control system

IS THIS YOU?

- You'd rather pull something apart than read about it
- You want to know how things actually work
- You're thinking about a trade or something technical
- You want a qualification, not just a grade

THIS IS THE FIELD YOU'RE STEPPING INTO

Robotics and automation are turning up everywhere — mining, farming, manufacturing, construction, energy. Robotics transforms **STEM education** by turning abstract theories into hands-on, interactive experiences.

Want in? Talk to your VET Coordinator

Ask about 22586VIC Certificate II in Integrated Technologies, Robotics Control Stream.
If your school isn't running it yet, tell them to call us.

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