Get paid to learn and work in Industry 4.0

Earn the nationally accredited Diploma of Applied Technologies while working in top-tier firms and get skilled ahead of the crowd. Your digital career starts now.

Digital Engineering Higher Apprenticeship Program

Background of the Digital Engineering Higher Apprenticeship

The Fourth Industrial Revolution (Industry 4.0) has created opportunities for tech-savvy school leavers to launch an in-demand career. Connection of the physical and digital worlds is transforming Australian industry and business leaders are seeking out the talent to help drive this change.

The Digital Engineering Apprenticeship program seeks out passionate, technically minded school leavers to partner with top-tier businesses in a three-year paid-to-learn training model. Learners will graduate with the nationally accredited Diploma of Applied Technologies and become digital specialists in the nation's leading engineering teams.

If you are currently in Year 12 and have a passion for:

- Digital technologies
- 3D Printing
- Automation
- AI
- Big Data

- Cloud computing
- Cyber-physical systems
- Digitalisation
- The Internet of things
- Virtual/augmented reality

Get in touch and get the next three years sorted.
For more information visit: www.skillslab.edu.au/digital-apprentice

Interested? Act now.

Register your interest with us at
skills@skillslab.edu.au

What is a higher apprenticeship?

The Digital Engineering Apprenticeship uses the higher apprenticeship model to deliver the nationally accredited Diploma of Applied Technologies, embedding learners in top-tier companies as they develop their skills while supporting existing engineering teams.

A higher apprentice is defined as a person who has an employment contract with a registered employer, and a three-year training contract to undertake diploma level or above qualifications, with a Registered Training Organisation (RTO).

What are the benefits of undertaking an apprenticeship?

Gain valuable skills and experience through the Digital Engineering Apprenticeship. Benefits include:

Earn money while you learn

Build your skills and gain the latest knowledge from knowledgeable teams, all while being paid!

Future-proof your future

Gain valuable hands-on experience in industry environments, giving you a career head-start.

Complete a Diploma

Finish with a nationally recognised qualification that provides a competitive difference in the job market.

What is the Diploma of Applied Technologies?

Industry 4.0 is the emerging fourth industrial revolution; the next stage in manufacturing. Driven by digitalisation, it connects the impact of emerging technologies and digitalisation across all industries such as energy, transport and infrastructure. Automation and big data analytics are transforming the manufacturing industry, driving new business opportunities through integration with the global supply chain.

Course overview
The Diploma provides the opportunity to gain a nationally accredited qualification, while practicing learnings alongside working engineers and technicians. It is the nation's first industry-based accredited Industry 4.0 course. This course provides the skills and knowledge to help individuals in Industry 4.0 manufacturing and/or engineering environments explore problems which can be solved using technology.

In these roles, individuals have the skills and knowledge to use digitalisation techniques that merge traditional and emerging technologies, from product design through to manufacture. Participants will use a systems approach to troubleshoot every aspect of the 'smart factory' and they incorporate concepts of innovation and change to achieve tangible outcomes. They have extensive knowledge of Industry 4.0, customisation, and product life cycle management.

Prerequisites
None applicable.

Micro credentials

Additional tailored content specific to individual needs is available to complement the Diploma of Applied Technologies and the participants, as they sit as part of engineering teams.

Customised content may include (though is not limited to):

> GIS

> Visualisation

> Coding

> Digital Artefacts

How to participate in the Digital Apprenticeship Program

Register Interest	Applications Finalised	Launch
Register your interest Get in touch with the Skills Lab team via the website (https://www.skillslab.com.au/digital-apprentice) or your organisation's commitment form.	**January 2022** Applications to be finalised by January 2022. Successful candidates will be contacted by the Skills Lab team.	**February 2022** The program is scheduled to launch in February 2022.

Delivered by industry

"This new wave of digital specialists will provide a vital boost to the capabilities of Australian industry. Graduates of the digital apprenticeship will have the combination of experience, skills and an industry-recognised Diploma to advance an exciting career."

Laura Mabikafola - Skills Lab

SKILLS LAB

Contact us

Please contact the Skills Lab team to register your interest or for more information.

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