



MEDIA RELEASE

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TAFEs gain more Commonwealth Supported Places in higher education course rollout

TAFE higher education providers are pleased to again be selected by the federal government to deliver a range of new short courses that will provide priority skills to hundreds of Australians as part of the economic recovery.

Australians looking to learn new skills will be able to choose from 22 new graduate and undergraduate certificate short courses on offer at TAFEs in New South Wales, Victoria, South Australia and Queensland.

The courses range across areas including early childhood education, biosecurity, civil engineering, renewable energy engineering, family violence protection, and cyber security.

These are [Commonwealth Supported Places](#) (CSPs) where the Commonwealth government pays for part of the course fee as a subsidy, not a loan, for which the student is not required to repay the government.

TAFE Directors Australia (TDA) CEO Craig Robertson said the TAFE network strongly welcomes the opportunity to again participate in this innovative upskilling and reskilling initiative.

“As the economy recovers from COVID shutdown, it is crucial to look with fresh eyes at how we can deliver the skills training that will be a vital part of the recovery and the rebuilding.

“TAFE higher education providers, including dual sector universities, are uniquely placed to deliver national priority skills to many people who may not otherwise have considered a university pathway.

“It's a natural extension of the way TAFEs operate that higher education may be undertaken as part of studying and learning at a TAFE.

“We welcome the innovative thinking that has seen the extension of the trialling of new graduate and undergraduate certificates, and the fact there are nearly 500 Commonwealth Supported Places under this initiative allocated to higher education at TAFE,” Mr Robertson said.

This second round of CSPs builds on the earlier announcement of the initial trial in May last year, by then Education Minister Dan Tehan, where an allocation of CSPs was made to TAFEs for the first time. This subsequent allocation of nearly 500 places recognises the success of TAFEs in delivering graduate and undergraduate certificates during 2020.

TDA congratulates the TAFEs that have been endorsed to offer the following Commonwealth Supported Places during 2021 (each course's details are at [Attachment A](#)):

TAFE NSW

- Undergraduate Certificate in Early Childhood Special Needs
- Undergraduate Certificate in Foundation of Early Childhood Education

- Undergraduate Certificate in Network Engineering
- Undergraduate Certificate in Network Security
- Undergraduate Certificate in Renewable Energy Engineering
- Undergraduate Certificate in Data Engineering
- Undergraduate Certificate in Adult Education
- Undergraduate Certificate in Sustainable Practice

Box Hill Institute of TAFE

- Graduate Certificate in Adult and Vocational Education
- Graduate Certificate in Cyber Security
- Graduate Certificate in Higher Education (Learning & Teaching)
- Undergraduate Certificate in Networking and Cyber Security
- Undergraduate Certificate of Biosecurity
- Undergraduate Certificate of Child Protection Case Management
- Undergraduate Certificate of Counselling for Community Services
- Undergraduate Certificate of Early Childhood Education

Chisholm Institute of TAFE

- Graduate Certificate in Family Violence Prevention
- Undergraduate Certificate in Responding to Community Mental Health, Alcohol and other Drugs
- Undergraduate Certificate in Introduction to Engineering and Digital Electronics Programming

TAFE SA

- Undergraduate Certificate in Drafting for Building and Construction
- Undergraduate Certificate in Industry 4.0 (Digital Technologies)

TAFE Queensland

- Undergraduate Certificate in Civil Engineering Fundamentals

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TAFE Directors Australia is the peak national body representing 28 TAFE institutes, including six dual sector universities with TAFE divisions and nine TAFEs that are also non-university higher education providers.

Graduate Certificates and Undergraduate Certificates at TAFE Commonwealth Supported Places (CSPs)

1. TAFE NSW - Higher Education Courses with CSPs

- Undergraduate Certificate in Early Childhood Special Needs (40 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to understand the complexities and needs of diverse community groups and establish family and community partnerships to support the development of a learning community. Students will be able to interpret current curriculum approaches to construct relevant curriculum content for a variety of early childhood learning communities.

- Undergraduate Certificate in Foundation of Early Childhood Education (20 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to identify typical developmental milestones of children aged birth to five years and to understand the complexities of nutrition, health, and safety principles to foster growth and development of children aged birth to five years. Students will also learn to document evidence of children's interests and learning using a variety of techniques in a play based learning environment and be able to demonstrate an awareness of legislative and ethical guidelines that drive practice in relation to environment provision, parent and child interaction, child protection, and academic foundations.

- Undergraduate Certificate in Network Engineering (20 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to understand the fundamental theoretical and technical knowledge about network engineering and conduct basic research, analyse, evaluate business requirements, and plan for network engineering solutions in an organisation. Graduates of this course will have the skills and knowledge to support the application of network engineering in a business and apply IT solutions, theories, and concepts to resolve a range of basic business tasks and network engineering problems.

- Undergraduate Certificate in Network Security (20 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to understand the fundamental theoretical and technical knowledge about network security and to conduct basic research, analyse, evaluate business requirements, and plan for network security solutions in an organisation. Students will be able to support the application of network security in a business and apply IT solutions, theories, and concepts to resolve a range of basic business tasks and network security problems.

- Undergraduate Certificate in Renewable Energy Engineering (20 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to apply knowledge of, and practical skills in, renewable energy engineering to practical applications in a variety of renewable energy technology contexts. Students will learn to identify, analyse, and develop renewable energy business solutions and to operate within

legal and regulatory frameworks and in accordance with industry standards to meet compliance requirements and to ensure public health and safety.

- Undergraduate Certificate in Data Engineering (10 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to apply a broad body of knowledge in information technology with an understanding of the practical application and theoretical frameworks of networking, data infrastructure, and data analytics. Student will be able to generate practical approaches and solutions to complex data infrastructure problems with initiative and accountability.

- Undergraduate Certificate in Adult Education (10 places).

On completion of the Undergraduate Certificate in Adult Education graduates will be able to apply theories of adult learning to plan and design training for a range of adult learners and to communication strategies to improve the learning experience for all participants. Graduates of this course will be able identify the nature of learner characteristics and their implications for effective teaching, learning, and instructional design and be able to identify and implement suitable technology for use in the training environment.

- Undergraduate Certificate in Sustainable Practice (5 places).

On completion of the Undergraduate Certificate in Sustainable Practice graduates will be able to demonstrate a deep understanding of the importance of sustainable practice and how it can contribute to global, national, and local environmental, social, and economic objectives within the context of current public and organisational policy and frameworks and evaluate, report on, and continuously improve the sustainability agenda on both an organisational and personal level.

2. Box Hill Institute of TAFE - Higher Education Courses with CSPs

- Graduate Certificate in Adult and Vocational Education (22 places)

This Graduate Certificate equips graduates to design, teach, and assess at an advanced skill level in the Vocational Education Sector and to use the Boyer Framework of Scholarship for applied research to improve teaching practice through industry and community engagement. The course incorporates studies in contemporary adult learning methodologies, inclusive teaching practices, and a 200-hour supervised teaching practicum. This course has been designed to meet the Victorian TAFE Teaching Staff Agreement 2018 for teacher progression and appointment to the Education Manager Classification.

- Graduate Certificate in Cyber Security (42 places)

This Graduate Certificate provides knowledge of key areas of ICT security including access control, cryptography, systems security, and application security. Students will be able to identify key vulnerabilities and relevant mitigation techniques after completing this course. Students will also acquire practical and theoretical knowledge of computer networking, together with advanced knowledge of IT project management.

- Graduate Certificate in Higher Education (Learning & Teaching) (42 places)

This Graduate Certificate equips graduates to design, teach and assess at an advanced skill level in the Higher Education Sector and to engage in effective scholarly activity. The course

incorporates studies in contemporary adult learning methodologies, inclusive teaching practices and a 200-hour supervised teaching practicum.

- Undergraduate Certificate in Networking and Cyber Security (22 places)

This Undergraduate Certificate will provide graduates with knowledge in areas of network, information, and cyber security. Students will be able to work in a variety of different networking and Cybersecurity environments and apply appropriate skills to these environments. They will be able to analyse and design IT Security systems at a strategic level as well as possess the necessary technical skills to perform increasingly complex operations in networking and the Cybersecurity area.

- Undergraduate Certificate of Biosecurity (35 places)

This Undergraduate Certificate of Biosecurity Science provides graduates with a broad understanding of the biosecurity continuum (onshore, at border, and offshore) and the social and economic challenges involving biological threats to humans, agriculture, and the environment. Students will have a detailed understanding of pest and disease surveillance and monitoring, the national preparedness plans put in place to protect Australia's ecosystems, and will have developed knowledge and skills to identify and monitor biosecurity breaches.

- Undergraduate Certificate of Child Protection Case Management (22 places)

The Undergraduate Certificate of Child Protection Case Management provides students with the opportunity to learn the fundamental conventions of case management specific to Child Protection. The skills and knowledge are scaffolded with psychological theories and practice. These inform essential child development theories and evidence-based practice as a major contributor of working effectively and leading practice and service delivery in the case management of Child Protection.

- Undergraduate Certificate of Counselling for Community Services (18 places)

The Undergraduate Certificate of Counselling for Community Services provides students with core counselling skills and knowledge for change work. The course will explore interventions of counselling theory and practice, understanding human behaviour, and trauma informed practice. Students will have the opportunity of utilising the skills and knowledge within the counselling process when dealing with complex cases across all fields of community services.

- Undergraduate Certificate of Early Childhood Education (22 places)

The Undergraduate Certificate of Early Childhood Education is designed to provide students with an introduction to Early Childhood Teaching. It provides opportunities for students who hold a Diploma of Early Childhood Education and Care to participate in four subjects – teaching foundational concepts for early childhood teaching practice: working with families; mathematics in early childhood; language and literacy development; and positive learning environments. It permits students the opportunity to build their skills, knowledge, and confidence to enrol into the Bachelor of Early Childhood Education to complete their studies and launch their career as a registered Early Childhood Teacher.

3. Chisholm Institute of TAFE - Higher Education Courses with CSPs

- Graduate Certificate in Family Violence Prevention (20 places).

One in six Australian women have experienced violence and one in four have suffered emotional abuse from a current or former partner. During the current COVID pandemic, rates of family violence in Victoria have risen by up to 15 per cent compared to 2019. The TEQSA accredited Graduate Certificate in Family Violence was developed in consultation with industry and associated stakeholders, including Rosie Batty of the Luke Batty Foundation. The course provides additional skills to those working in the health and community sectors to practice in the specialist field of family violence.

- Undergraduate Certificate in Responding to Community Mental Health, Alcohol and other Drugs (20 places).

In 2018-2019 4.3 million Australians sought mental health support. In 2017-2018 mental health expenditure was \$9.9 billion. The Royal Commission into Victoria's Mental Health System puts mental illness as the highest burden of disease in Victorians age 15-44 years. The Responding to Community Mental Health, Alcohol and Other Drugs (CMHAOD) certificate (applying for TEQSA accreditation) provides a foundation to a career in the mental health workforce and additional skills for those working in fields such as Youth Work and Counselling. Articulation is into the TEQSA accredited Bachelor of CMHAOD.

- Undergraduate Certificate in Introduction to Engineering and Digital Electronics Programming (20 places).

The Introduction to Engineering and Digital Electronics Programming certificate (applying for TEQSA accreditation) provides students with the opportunity of employment in CAD/CAM engineering, manufacturing, project and quality assurance engineering. Articulation is into the Bachelor of Engineering Technology, accredited by TEQSA and Engineers Australia. This offers study in areas such as systems development and manufacturing, the 7th largest industry in Australia and an important employer in S.E. Melbourne.

4. TAFE SA - Higher Education Courses with CSPs.

- Undergraduate Certificate in Drafting for Building and Construction (20 places).

This Undergraduate Certificate aims to provide students with the skills and knowledge needed to competently and efficiently use modern design drafting software currently used in the consulting and construction industry. Students will learn AutoCAD, Revit, and Civil3D as well as the implementation of BIM (Building Information Modelling) knowledge to create collaborative engineering solutions.

- Undergraduate Certificate in Industry 4.0 (Digital Technologies) (20 places)

This course aims to provide students with the skills and knowledge needed to retrain and upskill in the digital technologies used for the Industry 4.0 era. The fundamentals of electrical circuits and sensors, CAD and 3D printing techniques, networking, and programming of devices enriched with embedded computing are covered.

Note, both Undergraduate Certificates provide six months credit into relevant 2-year Associate Degrees in Engineering. Graduates of the Associate Degrees gain 2 years credit into relevant 4-year Bachelor of Engineering programs offered by the University of Adelaide, Flinders University, and University of South Australia.

5. TAFE Queensland - Higher Education Courses with CSPs

- Undergraduate Certificate in Civil Engineering Fundamentals (25 places).

The Undergraduate Certificate aims to provide students with the skills and knowledge needed as an entry level into the field of civil engineering. In this course students receive an introduction to engineering mathematics, 2D CAD modelling, as well as engineering practices. Students learn how to use mathematical operations to solve engineering problems, develop their understanding of one of the most commonly used drafting packages in the civil design industry, and be introduced to the fundamental elements of a broad range of engineering disciplines including civil, structural, mechanical, electrical, and hydraulic.