Digital Technology

Develop all the skills needed for a successful career in Digital Information and Communications Technology across areas including data engineering, web and database development, cyber security, IT strategy, advanced networking and much more. Options are available to specialise in one or two areas, such as a combination of programming and website design/development.

Job opportunities^
The number of technology workers in ICT-related subdivisions (including computer system design, telecommunication services and internet service provision) makes up almost half (45%) of the total technology workforce in Australia in 2021.

Annual growth +5.5%^
By 2027, there will be around 330,000 more technology workers in the Australian workforce, representing an average annual growth rate of 5.5%.

Industry partnerships
TAFE NSW has close partnerships with many leading technology companies including Cisco, Microsoft, AWS, IBM, Tesserent, Salesforce, Tata Consultancy Services, VMware and many more.

Future opportunities^
The Commonwealth Government will invest $1.3 billion into regional Australia's telecommunications infrastructure as part of the 2022–23 Federal Budget.

Qualifications you can earn at TAFE NSW

There are a range of courses at TAFE NSW that will prepare students for a fulfilling and potentially lucrative career working with digital technologies. Whether connecting Australia to the world or keeping businesses hack-proof and online, our courses will give students the hands-on skills that make the difference.

Course	Code	Duration
Certificate II in Applied Digital Technologies	ICT20120	18 Weeks
Certificate III in Information Technology	ICT30120	18 Weeks
Certificate III in Telecommunications Technology	ICT30519	18 Weeks
Certificate IV in Cyber Security	22334VIC	18 Weeks
Certificate IV in Information Technology (Gaming Development)	ICT40120	18 Weeks
Certificate IV in Information Technology (Networking)	ICT40120	18 Weeks
Certificate IV in Information Technology (Systems Administration Support)	ICT40120	18 Weeks
Certificate IV in Information Technology (Programming)	ICT40120	18 Weeks

Course	Code	Duration
Certificate IV in Information Technology (Web Development)	ICT40120	18 Weeks
Diploma of Information Technology	ICT50220	18 Weeks
Diploma of Information Technology (Advanced Networking)	ICT50220	18 Weeks
Diploma of Information Technology (Business Analysis)	ICT50220	18 Weeks
Diploma of Information Technology (Cloud Architecture)	ICT50220	18 Weeks
Diploma of Information Technology (Cyber Security)	ICT50220	18 Weeks
Diploma of Information Technology (Database and Data Management)	ICT50220	18 Weeks
Diploma of Information Technology (Front End and Back End Web Development)	ICT50220	18 Weeks

^ Source: ACS Australia's Digital Pulse 2022 acs.org.au/insightsandpublications/reports-publications/digital-pulse2022.html

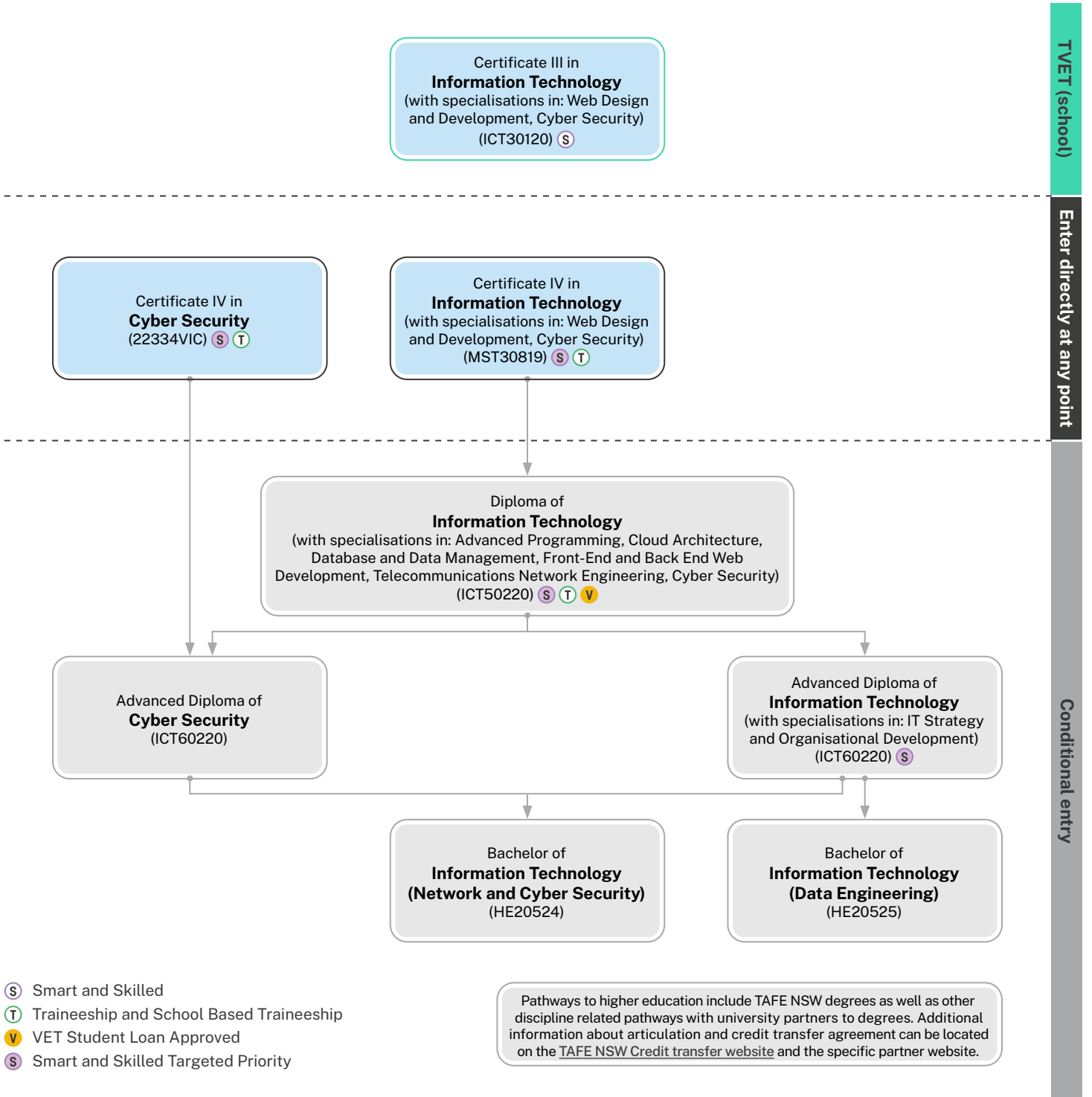| Course	Code	Duration
Diploma of Information Technology (Front End and Back End Web Development)	ICT50220	18 Weeks
Diploma of Information Technology (Telecommunications Network Engineering)	ICT50220	18 Weeks
Advanced Diploma in Cyber Security	ICT60220	36 Weeks
Advanced Diploma of Information Technology	ICT60220	36 Weeks
Advanced Diploma of Information Technology (IT Strategy and Organisational Development)	ICT60220	36 Weeks
Bachelor of Information Technology (Cyber and Network Security)	HE20524	3 Years
Bachelor of Information Technology (Data Engineering)	HE20525	3 Years

Fees for your course

A range of criteria apply for course fees, access to government subsidised training, student loans, payment by instalment, fee concessions and fee exemptions that are available to eligible students. The training for all or some of the courses listed is subsidised by the NSW Government under Smart and Skilled funding. Visit: tafensw.edu.au/enrol/fees.

How you can grow your career

When you study with TAFE NSW, there are any number of courses that lead to an even greater number of career opportunities. However, before you can earn certain qualifications, you may have to complete some pre-requisite courses. Below are some examples of career progression pathways you could follow.

TVET (school)

Certificate III in
Information Technology
(with specialisations in: Web Design and Development, Cyber Security)
(ICT30120) (S)

Enter directly at any point

Certificate IV in
Cyber Security
(22334VIC) (S) (T)

Certificate IV in
Information Technology
(with specialisations in: Web Design and Development, Cyber Security)
(MST30819) (S) (T)

Conditional entry

Diploma of
Information Technology
(with specialisations in: Advanced Programming, Cloud Architecture, Database and Data Management, Front-End and Back End Web Development, Telecommunications Network Engineering, Cyber Security)
(ICT50220) (S) (T) (V)

Advanced Diploma of
Cyber Security
(ICT60220)

Advanced Diploma of
Information Technology
(with specialisations in: IT Strategy and Organisational Development)
(ICT60220) (S)

Bachelor of
**Information Technology
(Network and Cyber Security)**
(HE20524)

Bachelor of
**Information Technology
(Data Engineering)**
(HE20525)

(S) Smart and Skilled
(T) Traineeship and School Based Traineeship
(V) VET Student Loan Approved
(S) Smart and Skilled Targeted Priority

Pathways to higher education include TAFE NSW degrees as well as other discipline related pathways with university partners to degrees. Additional information about articulation and credit transfer agreement can be located on the TAFE NSW Credit transfer website and the specific partner website.

For more information contact 131 601