



CIVIL CONSTRUCTION AND SURVEYING

TAFE NSW civil construction and surveying qualifications can lead to careers in a range of different industries and sectors, from roads and mining, to residential or defence. You could work with civil engineers, builders, project managers, and architects, in the design and construction of major projects such as commercial buildings, bridges, roads, dams, tunnels, and railways.



Job opportunities ^

The employment level in the Heavy and Civil Engineering Construction sector is projected to rise to around 120,300 by 2024. The employment level in this occupation is projected to increase by around 7% over the next 5 years to 2024. Architectural, Building and Surveying Technicians are projected to increase by around 20%.



Strong industry connections

TAFE NSW maintains partnerships with major projects such as Western Sydney Airport Skills Exchange, as well as peak industry bodies including the Civil Contractors Federation.



Annual growth ^

(2015-21) these occupations experienced an annualised growth rate of around 2.0%.



Forecast growth ^

An annualised growth rate of around 2.5% in the next five years to 2025-26.

QUALIFICATIONS YOU CAN EARN AT TAFE NSW

Whether starting your career or building on existing experiences, TAFE NSW has a range of Construction and Surveying courses that can help you achieve your goals. From certificates through to advanced diplomas, our courses are taught by industry experts, so you'll graduate with the skills and knowledge you need to succeed.

Course	Code	Duration
Certificate II in Civil Construction	R1120715*	1 year
Certificate III in Civil Construction	R1130919*	1.5 years (part time)
Certificate III in Civil Construction Plant Operations	R1130815*	1.5 years (part time)
Certificate IV in Civil Construction Design	R1140815*	1 year
Certificate IV in Civil Construction Supervision	R1140715*	1 year

Course	Code	Duration
Diploma of Civil Construction Design	R1150515*	3 years
Advanced Diploma of Civil Construction Design	R1160515*	0.5 years
Certificate III in Surveying & Spatial Information Services	CPP30216*	1 year
Certificate IV in Spatial Information Services	CPP40316*	2 years
Diploma of Spatial Information Services	CPP50216*	2 years
Certificate IV in Surveying	CPP40216*	2 years
Diploma of Surveying	CPP50116*	2 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](https://www.tafensw.edu.au/enrol/fees).

^ Source: 1. Civil Infrastructure Industry Insights, AISC [https://nationalindustryinsights.aisc.net.au/industries/mining-drilling-and-civil-infrastructure/civil-infrastructure]

* This course is superseded. You can still enrol in this course, and you will be contacted if you need to transition into the next version when it is available.

Disclaimer: Please check to ensure that courses are currently being offered at your preferred TAFE NSW location. Course delivery and duration may also vary between TAFE NSW locations, so please confirm before enrolling. Fee free eligibility may apply. Correct at time of publication (August 2021). RTO 90003 | CRICOS 00591E | HEP PRV12049

CIVIL CONSTRUCTION AND SURVEYING

SHORT COURSES YOU CAN STUDY AT TAFE NSW

TAFE NSW has a selection of short courses available that can help you build the essential Construction and Surveying skills needed to kickstart and grow your career, or to help you round out your résumé.

Short Course	Code	Duration	Included Units of Study
Statement of Attainment in Civil Construction (Conduct Dozer and Backhoe/Loader Operations)	SG00006853	Part Time 5 days (35 hours)	RIIMP0319D* Conduct backhoe/loader operations RIIMP0323D* Conduct Civil Construction Dozer operations
Statement of Attainment in Civil Construction (Conduct Excavator Operations)	SG00007674	Part Time 3 Days	RIIMP0320E* Conduct Civil Construction excavator operations
Statement of Attainment in Civil Construction (Conduct Roller and Excavation Operations)	SG00006689	Part Time 5 days (35 hours)	RIIMP0317E* Conduct Roller Operations RIIMP0320E* Conduct civil construction excavator operations
Statement of Attainment in Civil Construction (Conduct Roller, Skid Steer Loader, Excavator and Wheeled Front Loader Operations)	SG00006687	Part Time 10 days (70 hours)	RIIMP0317E* Conduct Roller Operations RIIMP0318E* Conduct Civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of Attainment in Civil Construction (Conduct skid steer, backhoe/loader and front-end loader operations)	SG00007608	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0319D* Conduct backhoe/loader operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of Attainment in Civil Construction (Conduct Skid Steer, Excavator and wheeled front-end loader operations)	SG00005672	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of attainment in Civil Construction (Conduct wheeled front-end loader operations)	SG00005675	Part time 3 days (21 hours)	RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of attainment in Civil Construction (Dozer operations and skid steer)	SG00006713	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0323D* Conduct civil construction dozer operations
Statement of attainment in Civil Construction (Excavator and front-end loader operations)	SG00005674	Part Time 5 days (35 hours)	RIIMP0320E* Conduct civil construction excavator operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of attainment in Civil Construction	SG00005854	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations
Statement of attainment in Civil Construction (Excavator, Grader and skid steer loader operations)	SG00008136	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations RIIMP0324E* Conduct civil construction grader operations

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Short Course	Code	Duration	Included Units of Study
Statement of attainment in Civil Construction (Front-end loader and roller operations)	SG00006258	Part Time 5 days (35 hours)	RIIMP0317E* Conduct roller operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations
Statement of attainment in Civil Construction (Load/unload plant, conduct skid steer loader and excavator operations)	SG00007094	Part Time 5 days (35 hours)	RIIHAN308E* Load and unload plant RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations
Statement of attainment in Civil Construction (Load/unload plant, conduct roller and civil construction excavator operations)	SG00007335	Part Time 5 days (35 hours)	RIIHAN308E* Load and unload plant RIIMP0317E* Conduct roller operations RIIMP0320E* Conduct civil construction excavator operations
Statement of attainment in Civil Construction (Operate excavator, wheeled front end loader, skid steer loader and articulated haul truck)	SG00007894	Part Time 5 days (35 hours)	RIIMP0318E* Conduct civil construction skid steer loader operations RIIMP0320E* Conduct civil construction excavator operations RIIMP0321E* Conduct civil construction wheeled front-end loader operations RIIMP0337D* Conduct articulated haul truck operations
Traffic Controller Skill Set	RIISS00054	4 days	RIIWS201D* Work safely and follow WHS policies and procedures RIIWS206 Control traffic with portable traffic control devices and temporary traffic signs RIIWS205D* Control traffic with stop-slow bat RIICOM201D* Communicate in the workplace
Traffic Management Implementer Skill Set	RIISS00055	2 days	RIIWS302E Implement traffic management plans RIIRIS301D Apply risk management processes RIIWS201D Work Safely and follow WHS policies and procedures RIIWS303 Position, set up and program portable traffic control devices RIICOM201D Communicate in the workplace

[Visit our website for more short courses.](#)

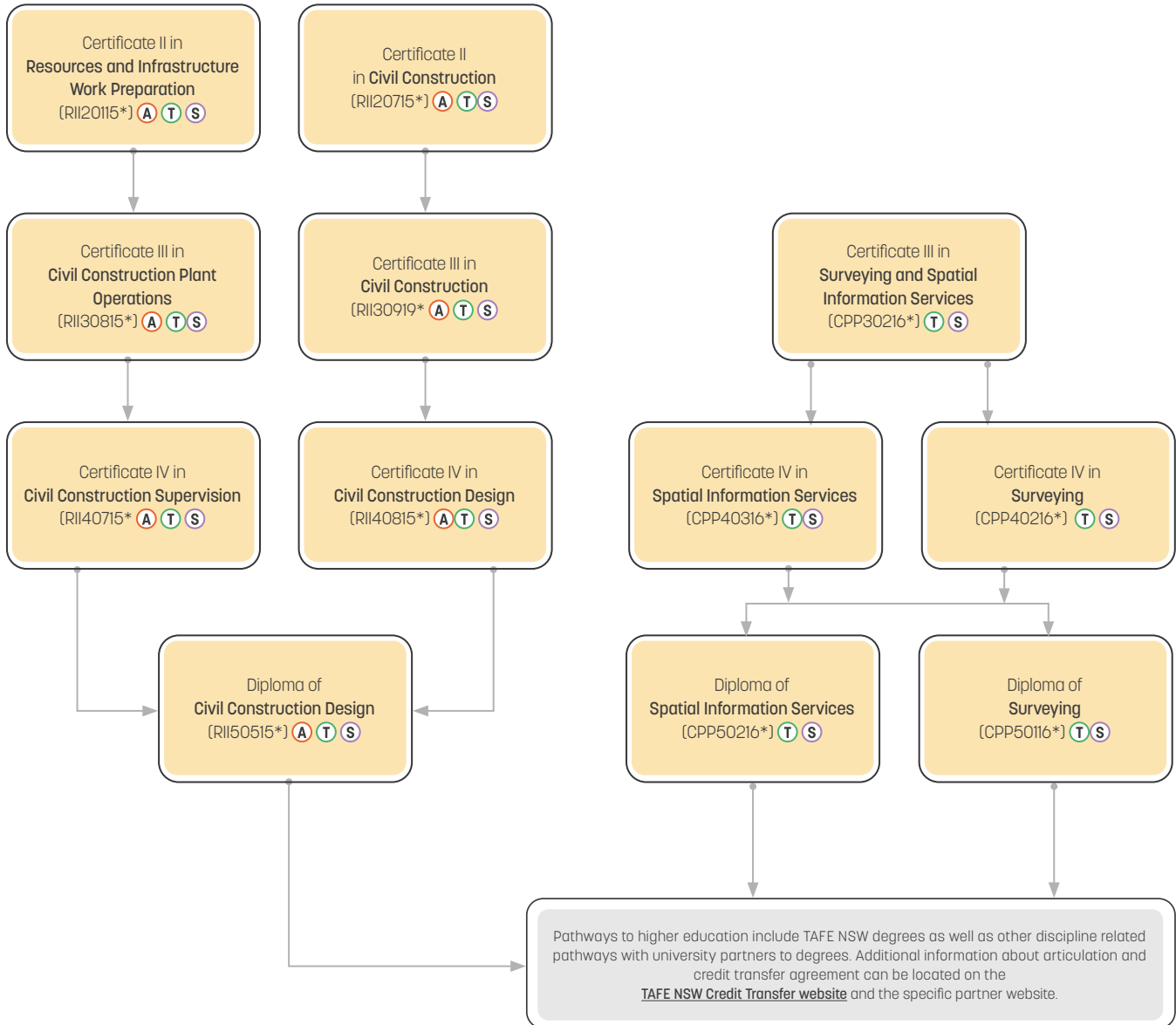
HOW YOU CAN GROW YOUR CAREER

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.

T/VET (SCH00L)

ENTER DIRECTLY AT ANY POINT

CONDITIONAL ENTRY



- T Traineeship and School Based Traineeship
- A Apprenticeship and School Based Apprenticeship
- S Smart and Skilled

FOR MORE INFORMATION CONTACT 131 601

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