



## Civil Construction and Surveying and Spatial Information Services

TAFE NSW civil construction, surveying and spatial information services 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, local and state government, and architects in the design and construction of major projects, such as commercial buildings, bridges, roads, dams, tunnels, and railways.



### Job opportunities<sup>^</sup>

Employment for Architectural, Building and Surveying Technicians is projected to create more than 14,000 jobs by 2025.

Architectural, Building and Surveying Technicians and Building and Plumbing Labourers, which account for over 4% and nearly 5% of the sector workforce, are projected to increase by around 15% and 8% respectively by 2025.



### 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, Surveying and Mapping Industry Council (SMIC) and Surveying and Spatial Sciences Institute (SSSI).

## 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	RII20720	1 year
Certificate III in Civil Construction	RII30920	1.5 years PT
Certificate III in Civil Construction Plant Operations	RII30820	1.5 years PT
Certificate IV in Civil Construction Design	RII40820	1 year FT
Certificate IV in Civil Construction Supervision Stream	RII40720	1 year FT
Diploma of Civil Construction Design	RII50520	3 years

Course	Code	Duration
Advanced Diploma of Civil Construction Design	RII60520	0.5 years FT
Certificate III in Surveying & Spatial Information Services	CPP30221	1 year PT
Certificate IV in Surveying and Spatial Information Services	CPP41721	2 years PT
Diploma of Spatial Information Services	CPP50221	2 years PT
Diploma of Surveying	CPP50121	2 years PT

PT = part time, FT = full time

### 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](http://tafensw.edu.au/enrol/fees).

<sup>^</sup> Source: AISC, Signage and Building Surveying, <https://nationalindustryinsights.aisc.net.au/industries/construction/signage-and-building-surveying>  
 AISC, Civil Infrastructure, <https://nationalindustryinsights.aisc.net.au/industries/mining-drilling-and-civil-infrastructure/civil-infrastructure>

# Civil Construction and Surveying and Spatial Information Services

## Short courses you can study at TAFE NSW

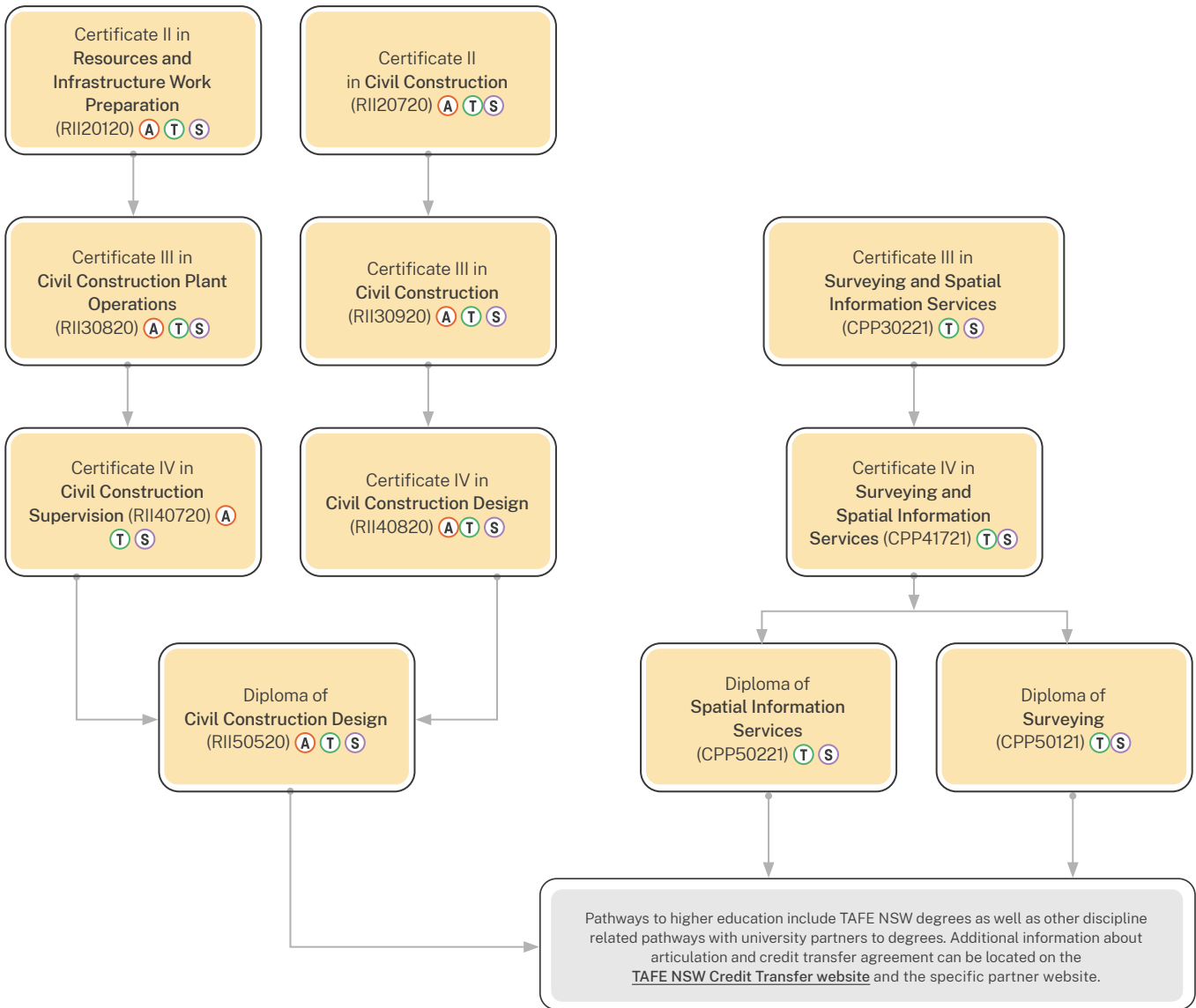
TAFE NSW has a selection of short courses available that can help you build the essential Construction and Surveying skills needed to kickstart and grow your career, or to help you round out your résumé.

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)	RIIMPO319E Conduct backhoe/loader operations RIIMPO323E Conduct Civil Construction Dozer operations
Statement of Attainment in Civil Construction (Conduct Excavator Operations)	SG00007674	Part Time 3 Days	CPCCCM1012 Work effectively and sustainably in the construction industry RIIMPO320F Conduct Civil Construction excavator operations
Statement of Attainment in Civil Construction (Conduct Roller and Excavation Operations)	SG00006689	Part Time 5 days (35 hours)	RIIMPO317F Conduct Roller Operations RIIMPO320F Conduct civil construction excavator operations
Statement of Attainment in Civil Construction (Conduct Skid Steer, Excavator and wheeled front-end loader operations)	SG00005672	Part Time 5 days (35 hours)	RIIMPO318F Conduct civil construction skid steer loader operations RIIMPO320F Conduct civil construction excavator operations RIIMPO321F 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)	RIIMPO318F Conduct civil construction skid steer loader operations RIIMPO323E Conduct civil construction dozer operations
Statement of attainment in Civil Construction	SG00005854	Part Time 5 days (35 hours)	RIIMPO318F Conduct civil construction skid steer loader operations RIIMPO320F Conduct civil construction excavator operations
Statement of attainment in Civil Construction (Front-end loader and roller operations)	SG00006258	Part Time 5 days (35 hours)	RIIMPO317E Conduct roller operations RIIMPO321E Conduct civil construction wheeled front-end loader operations
Traffic Controller Skill Set	RIISS00054	2 days	RIIWH3201E Work safely and follow WHS policies and procedures RIIWH3206 Control traffic with portable traffic control devices and temporary traffic signs RIIWH3205E Control traffic with stop-slow bat RIICOM201E Communicate in the workplace
Traffic Management Implementer Skill Set	RIISS00055	2 days	RIIWH3302E Implement traffic management plans RIIRIS301D Apply risk management processes RIIRIS301E Apply risk management processes RIIWH3201E Work Safely and follow WHS policies and procedures RIIWH3303 Position, set up and program portable traffic control devices RIICOM201E 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.



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**