



Surveyors Academy



Peta Cox
National Training & Development Manager



Courses



Certificate IV in Surveying & Spatial Information Service (Surveying Major)

- No Prerequisite

Diploma of Surveying

Prerequisites:

- CPP40216 Certificate IV in Surveying
- CPP41721 Certificate IV in Surveying and Spatial Information Services (Surveying)

or

- demonstrated relevant vocational experience, skills and knowledge commensurate with the scope of work covered in the CPP41721 Certificate IV in Surveying and Spatial Information Services (Surveying).





Pilot Program - 18

- **Completed September 2023**
- Certificate IV - 6
 - Face to Face
 - NSW, QLD, WA, ACT

- **Completed Theory September 2023**
- Diploma Student - 12
 - FACE TO FACE (7)
 - NSW, WA
 - RPL (5)
 - QLD, NSW, ACT, NT



Surveyors
Academy

Cohort 2 - NT (17)

- NT Government initiative

- Funded 8 places
 - Fyfe, Earl James & Associates, Cross Solutions & Core Lithium
- Full Fee Students - 9
 - Queensland, NT, WA & NSW

New Courses

- **Diploma** (max 20 places)
 - November (week of Monday 13th)
 - NSW Funded places 10
- **Certificate IV** (max 20 places)
 - February (week of Monday 6th)
 - NSW Funded places 3



Unlimited Traineeships



Learnings

- What Worked
- What needs to be changed
- Feedback
 - Students
 - Supervising Surveyors
 - Employers
- Committee

Delivery Mode

Work Based Learning

- Working Full Time
- Supervising Surveyor
- Study one Day a week
 - C IV – Mondays Pilot Program
 - Diploma – Tuesdays Pilot Program
 - (+ one evening TBD)
 - C IV NT– Fridays Pilot Program
- Online
- Teacher Led
- Evidence Collection (APP)
- Online Assessment
- Video Assessment
- Gap Training
- RPL

Key People ^{Teachers}

- Qualified Certificate IV in Training & Assessment TAE 40116
- Assessors (Skill Set - TAESS00011- Assessor Skill Set)
- Presenter (TAESS00014- Enterprise Trainer-Presenting Skill Set)
- Trainer & Presenter under supervision (TAESS00015- Enterprise Trainer and Assessor Skill Set)
- Guest Lecturers
- List of potential surveyors willing to gain qualifications



Industry Training Alliance

- New RTO
- Owned by Consulting Surveyors National
- Completing documentation
 - Website
 - Industry Support
 - TAS
 - Unit requirement
 - Learning resources
 - Assessments
 - Marking guides
 - Learner guides
 - Teacher guides
 - Assessment & Resource matrix
- Teacher qualifications
- Employer Guides
- Student/Supervisor Guides
- Data Evidence Collection Methods



Delivery

- You will not learn everything from the educational delivery side
- You will not learn everything from working out in the field.
- There's never an easy answer for learning!
- Balance of both
- Time – Learner & Supervising Surveyor
- Consistency - need to learn the same quality & quantity of information.
- Less training in the classroom means more time in the Field & support of the supervising surveyor to teach them on the job
- Evidence collection of performance criteria, knowledge & tasks



Certificate IV

in Surveying & Spatial Information Service (Surveying Major)

Core

- CPPSSI3020
 - Perform simple surveying and spatial computations
- CPPSSI4025
 - Collect spatial data using GNSS
- CPPSSI4036
 - Operate spatial software applications

Electives

Group A: Surveying

- CPPSSI3019
 - Produce basic plans of surveys
- CPPSSI4030
 - Operate surveying equipment
- CPPSSI4031
 - Perform surveying computations
- CPPSSI4037
 - Produce computer-aided drawings
- CPPSSI4040
 - Collect spatial data using a total station
- CPPSSI4041
 - Set out site and building works

Group C: General

- BSBSUS411
 - Implement and monitor environmentally sustainable work practices
- CPPSSI4022 –
 - Store and retrieve spatial data (Release 1)
- CPPSSI3011
 - Produce basic maps
- CPPSSI4038
 - Prepare and present GIS data
- MEM30012A
 - Apply mathematical techniques in a manufacturing engineering or related environment
- PSPLND01
 - Investigate tenure and land use history
- CPPSSI5060
 - Develop spreadsheets for spatial data



Diploma in Surveying



Core

- CPPSSI5047
 - Conduct GNSS surveys
- CPPSSI5048
 - Conduct engineering surveys
- CPPSSI5053
 - Perform complex surveying computations
- CPPSSI5054
 - Perform geodetic surveying computations
- CPPSSI5057
 - Conduct precision surveys
- CPPSSI5058
 - Conduct geodetic surveys
- CPPSSI5061
 - Survey subsurface utility information
- CPPSSI5065
 - Design basic engineering structures

Electives

- CPPSSI5046
 - Set out roads and stormwater systems
- CPPSSI5062
 - Conduct photogrammetric mapping (Release 1)
- CPPSSI5052
 - Integrate surveying datasets
- MEM23004
 - Apply technical mathematics
- BSBPMG430
 - Undertake project work
- CPPSSI5032
 - Capture new spatial data
- CPPSSI5050
 - Produce survey drawings
- CPPSSI5051
 - Conduct identification surveys
- PSPLND014
 - Compile and check survey plans



QUESTIONS



Peta Cox

TRAINING@CONSULTINGSURVEYORS.COM.AU



Consulting Surveyors – Training Session

Overview of Employer Incentives

(Eligibility criteria apply)

▶ Hiring Incentive for employers of Australian Apprentices NOT in a Priority Occupation

- **Full-time apprentices will attract \$3500.** Payments will be made in two equal instalments on \$1750, payable at 6 and 12 months from the date of commencement or recommencement with the employer.
- **Part-time apprentices will attract \$1750.** Payments will be made in two equal instalments on \$875, payable at 6 and 12 months from the date of commencement or recommencement with the employer.

▶ NSW Payroll Tax Rebates

- Rebates are available in some cases for Apprentices/ New Entrant Trainee wages. Visit: revenue.nsw.gov.au

▶ Fee-free Apprenticeship and Traineeship Training (NSW specific)

- Apprentices and New Entrant Trainees (including School-based arrangements) student fees funded under the NSW Government's Smart & Skilled Program. Conditions apply

Existing Workers in NSW: *Employed more than 3 months full-time, or 12 months permanent part-time/casual. Or a combination equivalent to more than 3 months full-time. Permanent part-time/ casual workers employed at 30 hrs/week or more deemed existing workers after 3 months employment.*

Eligibility Requirements

Citizenship or residency

For an employer, Australian Apprentice, or Registered Training Organisation to be eligible for any payment under the Incentive System, the Australian Apprentice, at the date of commencement or recommencement must be:

- an Australian citizen; or
- a foreign national with permanent residency; or
- a New Zealand passport holder with at least six months' residence in Australia.

Employment and training arrangements

For an employer, Australian Apprentice, or Registered Training Organisation to be eligible for payments under the Incentive System, the Australian Apprentice must be:

- Employed in an Australian Apprenticeship arrangement in an Australian state or territory; and
- Employed under the terms and conditions of a Training Contract, which must:
 - Include a signed Training Plan; and
 - Be signed by the Australian Apprentice and the employer; and
 - Be formally approved by the State or Territory Training Authority; and
 - Undertaking accredited training which includes both paid work and structured training.

State specifications

CPP41721 Certificate IV in Surveying and Spatial Information Services

	NSW	VIC	QLD	WA	SA	TAS	ACT	NT
Full Time (Nominal Duration)	24 mths	24 mths	24 mths	36 mths	24 mths	24 mths	24 mths	X
Part Time	Yes	X						
Commencements	15	0	0	20	0	0	0	0
ASbA	X	X	Yes	X	Yes	X	X	X
Classification	T	T	T	T	T	*	T	X

State specifications

CPP50121 – Diploma of Surveying

	NSW	VIC	QLD	WA	SA	TAS	ACT	NT
Full Time (Nominal Duration)	36 mths	X	36 mths	36 mths	X	X	36 mths	X
Part Time	Yes	X	Yes	Yes	X	X	Yes	X
Commencements	5	0	0	0	0	0	0	0
ASbA	X	X	X	X	X	X	X	X
Classification	T	X	T	T	X	*	T	X

Nominal Term for Qualifications (NSW specific)

▶ *CPP41721 – Certificate IV in Surveying and Spatial Information Services*

▶ **Terms of traineeship**

▶ **Full time:**

- 24 months or until the relevant competencies are achieved

▶ **Part time:**

- one-and-a-half times the term of a full-time traineeship in the same vocation (where the full-time term is two years or more)
- 21 hours per week for traineeships with a full-time term of two years or more

▶ ***CPP50121 Diploma of Surveying***

▶ **Terms of traineeship**

▶ **Full time:**

- 36 months or until the relevant competencies are achieved
- 30 months or until the relevant competencies are achieved where the trainee holds CPP30221 Certificate III in Surveying and Spatial Information Services
- 24 months or until the relevant competencies are achieved where the trainee holds CPP41721 Certificate IV in Surveying and Spatial Information Services (Surveying)

▶ **Part time:**

- one-and-a-half times the term of a full-time traineeship in the same vocation (where the full-time term is two years or more)
- 21 hours per week for traineeships with a full-time term of two years or more

Sign Up Process

- ▶ Sign up sheet to be send directly to Tabea Francia (will send to the team)
- ▶ Sign up preparation will be actioned within 48 hrs from receiving completed sign up sheet
- ▶ Tabea Francia will organise for sign up consultant to contact employer within 48 hours from receiving the prepared training contract
- ▶ Once sign up is completed, TPP will be emailed to RTO, and once received by our TPP team, contract will be lodged with Training Services

Information Required

- ▶ AA Details
- ▶ Employer and worksite details

Questions

Tabea Francia

tabea.fancia@businessaustralia.com

0491 699 447