BUILDING DESIGN STUDIES

CPP40121 Certificate IV in Residential Drafting

PART TIME STUDY PLAN - EVENING CLASSES - Semester 2 2024

The recommended delivery of this course is 2 Years/4 stages - Stage 1 Part A & B and 2 Part A & B all delivered on campus.

Each stage duration is a semester and can be commenced at the beginning of the year or mid-year.

Note: Below is the order in which the units need to be completed to ensure students meet the entry requirements for each unit in this qualification.

All new students must enrol in Stage 1 Unit/s.

Stage 1 Part A (new PART TIME students will complete Documentation 1 in Stage 1 Part B)	Hrs/wk	Night	Start
OFFICE PROCESSES CPPBDN4101 Work effectively in a building design environment	1.5 hrs	Thursday	6pm
ANALYSE DRAWINGS CPPBDN4102 Analyse building design drawings	1.5 hrs	Thursday	8pm
MATERIALS CPPBDN4106 Investigate materials for construction of Class 1 and 10 buildings	3.5 hrs	Tuesday	6pm

Stage 1 Part A units should be complete before continuing to Stage 1 Part B

Stage 1A units may be studied with stage 1B units – approval from Head of Program required

Stage 1 Part B (continuing PART TIME students only from S1 2024 – Documentation 1 will not be delivered S2 2024 but will be available in 2025)	Hrs/wk	Night	Start
OFFICE PROCESSES CPPBDN4101 Work effectively in a building design environment	1.5 hrs	Thursday	6pm
ANALYSE DRAWINGS CPPBDN4102 Analyse building design drawings	1.5 hrs	Thursday	8pm
RESIDENTIAL COMPLIANCE CPPBDN4104 Apply compliance requirements to Class 1 & 10 building design docs.	4 hrs	Wednesday	6pm

All Stage 1Part A & Part B Units must be complete before commencing Stage 2

Stage 2 Part A	Hrs/wk	Night	Start	Required completion
RESIDENTIAL DESIGN CPPBDN5102 Produce compliant designs for Class 1 and 10 building	4 hrs	Tuesday	6pm	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS
RESIDENTIAL CONSTRUCTION CPPBDN4107 Investigate construction methods for Class 1 and 10 buildings	3.5 hrs	Thursday	6pm	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS
SITE ANALYSIS CPPBDN5110 Inspect & analyse sites to inform the building design process	1.5 hrs	Thursday	6pm	DOCUMENTATION 1
RESIDENTIAL SERVICES CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings	1.5 hrs	Thursday	8pm	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS

Stage 2 Part A units should be complete before continuing to Stage 2 Part B

The following 2 units can be completed in either Stage 2 Part A or Stage 2 Part B

RESIDENTIAL SERVICES CPPBDN4108 & SITE ANALYSIS CPPBDN5110

Stage 2 Part B	Hrs/wk	Night	Start	Required completion
DOCUMENTATION 2 CPPBDN4105 Prepare drawings for planning & building approval for Class 1 & 10 buildings	2nights 3.5 hrs	Monday & Wednesday	6pm	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS
SITE ANALYSIS CPPBDN5110 Inspect & analyse sites to inform the building design process	1.5 hrs	Thursday	6pm	DOCUMENTATION 1
RESIDENTIAL SERVICES CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings	1.5 hrs	Thursday	8pm	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS



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PART TIME STUDY PLAN - CPP40121 Certificate IV in Residential Drafting PROGRESSING FROM STAGE 1 TO STAGE 2

Note: Below is the order in which the units need to be completed to ensure students obtain the required skills and knowledge for stage 2 units in this qualification.

If a student fails a unit and re-enrols the following semester there may be units that they cannot be enrolled into. Each stage 2 unit has the required stage 1 units listed next to it.

Stage 1 Part A & B Part time studies	Required for Stage 2 units
MATERIALS CPPBDN4106 Investigate materials for construction of Class 1 and 10 buildings DOCUMENTATION 1 CPPBDN4103 Use CAD software to produce drawings for building design projects	RESIDENTIAL CONSTRUCTION RESIDENTIAL SERVICES RESIDENTIAL CONSTRUCTION DOCUMENTATION 2 RESIDENTIAL DESIGN RESIDENTIAL SERVICES SITE ANALYSIS
ANALYSE DRAWINGS CPPBDN4102 Analyse building design drawings	RESIDENTIAL DESIGN DOCUMENTATION 2
RESIDENTIAL COMPLIANCE CPPBDN4104 Apply compliance requirements to Class 1 & 10 building design docs.	DOCUMENTATION 2 RESIDENTIAL CONSTRUCTION RESIDENTIAL SERVICES RESIDENTIAL DESIGN
OFFICE PROCESSES CPPBDN4101 Work effectively in a building design environment	CAN BE COMPLETED AT ANY STAGE

Stage 2 Part A & B Part time studies	Required completion of Stage 1 units
RESIDENTIAL DESIGN	DOCUMENTATION 1
CPPBDN5102	RESIDENTIAL COMPLIANCE
Produce compliant designs for Class 1 and 10 building	ANALYSE DRAWINGS
RESIDENTIAL CONSTRUCTION	
CPPBDN4107	DOCUMENTATION 1
Investigate construction methods for Class 1 and 10 buildings.	RESIDENTIAL COMPLIANCE
NOTE: This unit must be studied prior to or concurrently with	ANALYSE DRAWINGS
Documentation 2 & Residential Services	
DOCUMENTATION 2 CPPBDN4105 Prepare drawings for planning & building approval for Class 1 & 10 buildings	DOCUMENTATION 1 RESIDENTIAL COMPLIANCE ANALYSE DRAWINGS
RESIDENTIAL SERVICES	DOCUMENTATION 1
CPPBDN4108	RESIDENTIAL COMPLIANCE
Draw layout of required services for Class 1 and 10 buildings	ANALYSE DRAWINGS
SITE ANALYSIS CPPBDN5110 Inspect & analyse sites to inform the building design process	DOCUMENTATION 1 CAN BE COMPLETED AT ANY STAGE

Course Structure:

- a. This is National course
- All 10 units of competency must be completed to attain the qualification
- c. The Course is delivered at Perth campus

North Metropolitan TAFE 30 Aberdeen Street NORTHBRIDGE WA 6003

<u>Pathways</u>

On the completion of **CPP40121** the student may enter the workforce as a Drafter in a Project Home Office or small Builders Office.

Students wanting to progress their studies onto building design can enrol in the course CPP50921 Diploma of Building Design. This course provides training in aspects of design, construction and working drawing production for a range of projects such as residential buildings and small scale non-residential buildings.