Government of **Western Australia** North Metropolitan **TAFE** 

## **BUILDING DESIGN STUDIES**

**CPP40121** Certificate IV in Residential Drafting

## PART TIME STUDY PLAN - EVENING CLASSES (on campus)

The recommended delivery of this course is 2 Years/4 stages - Stage 1- Part A, Stage 1- Part B, Stage 2- Part A, Stage 2- Part 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 – Part A Unit/s. Please contact Head of Programs to discuss enrolling in additional units per stage

Stage 1 - Part A	Hrs/wk	Start
MATERIALS CPPBDN4106 Investigate materials for construction of Class 1 and 10 buildings	3.5 hrs	6pm
<b>DOCUMENTATION 1</b> CPPBDN4103 Use CAD software to produce drawings for building design projects	4 hrs	6pm

Stage 1 – Part A units should be complete before continuing to Stage 1 – Part B Stage 1 – Part B units may be studied with Stage 1 - Part A units – approval from Head of Program required

Stage 1 - Part B	Hrs/wk	Start
OFFICE PROCESSES CPPBDN4101 Work effectively in a building design environment	1.5 hrs	6pm
ANALYSE DRAWINGS CPPBDN4102 Analyse building design drawings	1.5 hrs	8pm
<b>RESIDENTIAL COMPLIANCE</b> CPPBDN4104 Apply compliance requirements to Class 1 & 10 building design docs.	4 hrs	6pm

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

Stage 2 – Part A	Hrs/wk	Start
<b><u>RESIDENTIAL DESIGN</u></b> CPPBDN5102 Produce compliant designs for Class 1 and 10 building	4 hrs	6pm
<b><u>RESIDENTIAL CONSTRUCTION</u></b> CPPBDN4107 Investigate construction methods for Class 1 and 10 buildings	3.5 hrs	6pm
<u>SITE ANALYSIS</u> CPPBDN5110 Inspect & analyse sites to inform the building design process	1.5 hrs	6pm
<b>RESIDENTIAL SERVICES</b> CPPBDN4108 Draw layout of required services for Class 1 and 10 buildings	1.5 hrs	8pm

### 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 B <u>RESIDENTIAL SERVICES</u> CPPBDN4108 & <u>SITE ANALYSIS</u> CPPBDN5110

Prepare drawings for planning & building approval for Class 1 & 10 buildings   SITE ANALYSIS CPPBDN5110	2 nights 3.5 hrs	6pm
SITE ANALYSIS CPPBDN5110	3.5 hrs	орт
	1.5 hrs	6pm
Inspect & analyse sites to inform the building design process	1.5 1115	
RESIDENTIAL SERVICES CPPBDN4108	1.5 hrs	8pm
Draw layout of required services for Class 1 and 10 buildings	1.5 1115	ohiii

#### Course Structure:

- a. This is National course
- b. 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

#### Pathways:

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.

TAFE\NMT - PBC - Building Drafting and Design - PBC - Building Drafting and Design\02. CPP40121 Certificate IV in Residential Drafting\COURSE MAPS



**CPP40121** Certificate IV in Residential Drafting

# 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 3 & 4 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 3 & 4 unit has the required stage 1 & 2 units listed next to it.

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

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

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