

Yr10 – Semester 1 or 2 (pre-Doorways)

(aka) 'Home and Property Maintenance'(see A5 Folder)

- Preparation for D2C1
- School based – no RTO required
- Built in to current Yr10 Design Technology curriculum
- Cert 1 used as framework (no competencies completed)
- Valued at 1 SACE unit (to be endorsed)
- Delivered by DT staff

Possible choices:

'Taps and Seals'

'Sinks and Traps'

'Tiles, Tools - Grout and Glues'

'Plaster, fillers and fixers'

'Glues and Sealants' 'Prep and Paint'

'Power Tools – what's what?'

'Squeaky Doors and Sticky windows'

'Doors, Hinges and handles'

'Bricks and Pavers'

'Levels and Measurements'

'Cement and Concrete – which one do I use?'

'Lights, bulbs and switches'

'Circuits, powerpoints and powerboards'

'Safe practice and tool maintenance'

Targetwork (disengaged and disadvantaged)

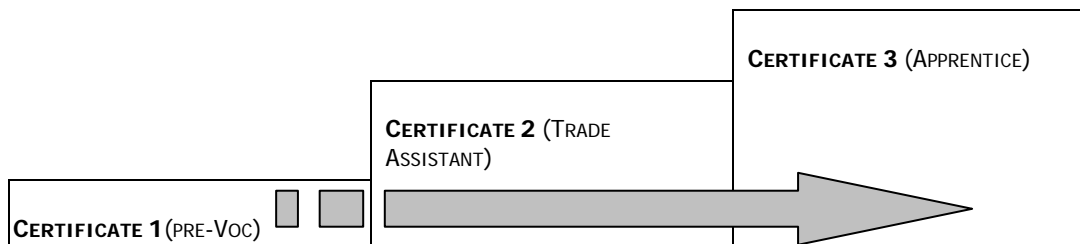
- Deliver current program as is through TW Manager (Brian Nadilo)
- Offer in conjunction with H&P Maintenance
- Pre- screening for D2C1
- School to organise
- Articulated as part of schools Youth Engagement Strategy, social inclusion policy and retention strategy.



D2C1= CERT 1. (YR11)

The training component of Doorways 2 Construction is the Certificate I in General Construction BCG10103.

The Certificate 1 is the first qualification in the Australian National Training Package and is nested within Certificates 2 & 3 should students continue with their studies. Certificate 3 is a Trade level qualification.



Achievement of the Certificate I is based on successful completion of all core competency units, and successful completion of three elective units. The program continues to retain a strong focus on the inclusion of significant workplace components for student learning.

<i>CERTIFICATE 1 IN CONSTRUCTION BCG03</i>		
Unit Code	Unit Name	Nominal Hours (SA)
<u>Core units of competence</u>		
BCGCM1001B	Follow health, safety and security policies and procedures	40
BCGCM1002B	Work effectively in the General Construction Industry	20
BCGCM1003B	Plan and organise work	20
BCGCM1004B	Conduct workplace communication	20
BCGCM1005B	Carry out measurements and calculations	20
BCGCM2001B	Read and interpret plans and specifications	36
BCGCM2006B	Apply basic levelling procedures	8
<u>Elective units of competence</u>		
BCGVE1001B	Handle construction materials	
BCGVE1002B	Undertake a basic construction project	48
BCGVE1003B	Undertake a basic computer design project	36
BCGVE1004B	Undertake basic estimation and costing	16
BCGVE2001B	Produce construction drawings	24
BSBCM209A	Provide information for clients	30
	Green Card Job Safety Analysis 20 days Workplacement	Total 256 hrs = 5 SACE Units

Teachers are able to use CITB learning resources that include Workplacement Record Book and Student Assessment Record Book. Learning resources are available for purchase from the CITB and the two record books are available free for each D2C student.

Current Stage 2: TER Optional

Code	Title	hours
Trade based streams including Civil		
* Cert 1 (D2C1)	Mandatory for all D2C2	256 hrs
* BCGSC2001B	Safely handle and use scaffolding tools and equipment (Common to all trades)	8
* BCGCM2008B	Erect and dismantle restricted height scaffolding (Common to all trades)	32
<i>BCGCO2001B</i>	<i>Handle concreting materials (Co)</i>	<i>24</i>
<i>BCGCO2002B</i>	<i>Use concreting tools and equipment (Co)</i>	<i>80</i>
<i>BCGCO2003B</i>	<i>Carry out concreting to simple forms (Br,Ca,Pl)</i>	<i>16</i>
<i>BCGSF2001B</i>	<i>Handle steel fixing materials (Sf)</i>	<i>24</i>
<i>BCGSF2002B</i>	<i>Use steel fixing tools and equipment (Sf)</i>	<i>80</i>
BCGSF2003B	Cut and bend materials using Oxy/LPG equip. (Ca, Sf, Co, De)	20
<i>BCGSF2004B</i>	<i>Place and fix reinforcement materials (Co, Sf, Br, Ca)</i>	<i>40</i>
<i>BCGCA2003B</i>	<i>Erect and dismantle formwork for footings and slabs on ground (Ca, Co)</i>	<i>24</i>
BCGPD3009B	Remove graffiti and apply protective coatings (Pa)	30
<i>BCCCM2002B</i>	<i>Use small plant and equipment (Civil)</i>	<i>16</i>
<i>TDTD1097B</i>	<i>Operate a forklift (Do, Ri, Sc) (Min age req.18yrs)</i>	<i>40</i>
BCPCM 2004A	Read plans and calculate plumbing quantities (Pl)	16
BCPCM 2007A	Carry out levelling (Pl)	20
BCPCM2012A	Weld using oxy-acetylene equipment (Pl)	16
BCPCM2013A	Weld using arc welding equipment (Pl)	16
Design Stream		
BCGVE1003B	Undertake a basic computer design project	36
BCGVE1004B	Undertake basic estimation and costing	16
BSBCMN209A	Provide information for clients	30
BCGVE2001B	Produce construction drawings	24
CUVCOR02A	Develop and articulate concept of own work	50
CUVCOR03A	Develop, refine and communicate concept of own work	55
CUVCOR08A	Produce drawings to represent and communicate the concept	60

D2CPlus Stream

Brick and Block Laying

- Handle and Prepare B&B materials (20hrs)
- Use B&B tools and equipment (30hrs)
- Lay masonry walls & corners (50hrs)

Min :100hrs = 2 SACE Units

Wall & Floor Tiling

- Handle Wall & Floor Tiling materials (32hrs)
- Use W&F tools and equipment (96hrs)
- Fix floor tiles (120hrs)
- Fix wall tiles (140hrs)

Min:100hrs =2 SACE Units

RTO to deliver Off-site (preferably)

Carpentry

- Use explosive power tools (16hrs)
- Carry out setting out (12hrs)
- Construct wall frames (60hrs)
- Erect and dismantle formwork (24hrs)

Min:100hrs = 2 SACE Units

Wall & Ceiling Lining

- Handle Wall & Ceiling Lining materials (32hrs)
- Use WCL tools & equipment (128hrs)
- Install & finish plasterboard & fibre cement (120hrs)

Min: 100hrs = 2 SACE Units

D2CPlus

- Worth up to 5 SACE Units (Stage 2)
- Entry via D2C1 (Green Card + JSA)
- Stage 2 SSABSA Building & Construction stays as is
- Delivered by RTO over 3 weeks or equal to 120+ hours with RPL from D2C1
- Students enrol twice per year
- Any 2 skill set blocks selected (200hrs min)
- Up to 6 weeks Workplacement is possible (but min:200hrs encouraged)
- Students are required to mentor D2C1 program as 'Leading Hands'
- One bank of training with RTO at their facility will be considered a workplacement (a 'replicated' worksite)
- 'Primary Trade – Secondary Skill' model ie second bank of training should be in related trade
- TER score still available providing SACE pathway is pre-planned

Units commonly able to be delivered at school with available resources and knowledge

Units unable to be commonly delivered due to lack of availability of trainer/knowledge/resources

Teachers may be able to aid their RTO in the selection of competencies that would suit their year 12 cohort taking into consideration the available resources (within the school) and their arrangements with their Registered Training Organisation.
** It is strongly advised that students include elements of Maths Applications, English and/or Small Business Enterprise in their subject selection.

