|  |  |
| --- | --- |
|  | **Construction Pathways****C Course** |
| Written under the:Industrial Technology Trades Framework 2010 | Accredited from 2012 – 2016Extended 2022 |

**Supporting Qualifications from CPCO8 Construction and Plumbing Training Package
(Release 9.8):**

CPC10120 Certificate I in Construction

CPC20220 Certificate II in Construction Pathways

|  |  |
| --- | --- |
|  | Course Adoption Form for Accredited Courses |
| Choose one of the following:🞏 adoption of units as per course document🞏 adoption of units with a different combination of units |
| The college is entered on the National Register to award Certificates delivered by this course. 🞏 Yes 🞏 No  |
| **College:** |
| **Course Title**: Construction Pathways | **Classification**: C |
| **Framework**: Industrial Technology Trades - 2010 | **Course Area**:  | **Course Code:**  |
| **Dates of Course Accreditation:**  | **From** | 2012 | **to** | 2022 |

Identify units to be adopted by ticking the check boxes. The following 1.0 units are the approved combinations of 0.5 units. Refer to page 7 for the 0.5 units combined for each.

|  |  |  |  |
| --- | --- | --- | --- |
| **Adopt** | **Unit Title** | **Value (1.0/0.5)** | **Length** |
| 🞏 | **Introduction to Construction Pathways** | **1.0** | **S** |
| 🞏 | Fundamentals of Construction Pathways  | 0.5 | Q |
| 🞏 | **Construction Industry Practices** | **1.0** | **S** |
| 🞏 | Construction Industry Skills  | 0.5 | Q |
| 🞏 | **Construction Pathways – Carpentry**  | **1.0** | **S** |
| 🞏 | Construction Skills – Carpentry | 0.5 | Q |
| 🞏 | **Construction Pathways – Bricklaying** | **1.0** | **S** |
| 🞏 | Construction Skills – Bricklaying  | 0.5 | Q |
| 🞏 | **Construction Pathways – Solid Plastering** | **1.0** | **S** |
| 🞏 | Construction Skills – Solid Plastering  | 0.5 | Q |
| 🞏 | **Construction Pathways – Tiling** | **1.0** | **S** |
| 🞏 | Construction Skills – Tiling  | 0.5 | Q |
| 🞏 | **Construction Pathways – Waterproofing** | **1.0** | **S** |
| 🞏 | Construction Skills – Waterproofing | 0.5 | Q |
| 🞏 | **Construction Pathways – Stonemasonry** | **1.0** | **S** |
| 🞏 | Construction Skills – Stonemasonry | 0.5 | Q |
| 🞏 | SWL Construction (General) | 0.5 | Q |
| 🞏 | **SWL Construction (Extended Placement)** | **1.0** | **S** |
| 🞏 | SWL Construction Pathways Carpentry | 0.5 | Q |
| 🞏 | SWL Construction Pathways Bricklaying | 0.5 | Q |
| **Adoption** The course and units named above are consistent with the philosophy and goals of the college and the adopting college has the human and physical resources to implement the course.  |
| **BSSS Office Use:** Entered into database: ………/……../20…. |

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# VET Qualifications

### White cards (Construction induction)

Construction workers in the ACT require a General Construction Induction Card (White Card) when working on a construction site. The [*Work Health and Safety Act 2011*](https://legislation.act.gov.au/a/2011-35/) requires that each construction worker must hold:

* a general construction induction training card
* a general construction induction training certification that has been issued within the preceding 60 days if the worker has applied for but not yet been issued with a general construction induction training card.

The mandatory construction industry WHS induction training must be provided by a registered training organisation (RTO). Access Canberra administers the provision of General Construction Induction Cards (White Cards). All construction workers in the ACT must complete the [Asbestos Awareness Training Course](https://www.accesscanberra.act.gov.au/app/answers/detail/a_id/3093#!tabs-2) 1067NAT as part of mandatory training.

### CPC10120 Certificate I in Construction

To achieve this qualification, the candidate must demonstrate competency in 11 units of competency:

**8 core units**

**3 elective units.**

The elective units are to be chosen as follows:

* up to 3 units from the elective units below
* one unit from Certificate I or II qualifications in the CPC Training Package or another current Training Package or accredited course, provided the integrity of the AQF alignment is ensured, and it contributes to a valid, industry-supported vocational outcome.

### Prerequisite units of competency

An asterisk (\*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

### Core Units - complete all

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core**  |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCOM1013** | **Plan and organise work** | **Core**  |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core**  |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core**  |

### Elective Units- complete 3

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Elective** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |
| CPCCOM1015 | Carry out measurements and calculations | Elective |
| CPCCOM1017 | Prepare simple construction sketches | Elective |
| CPCCOM2001\* | Read and interpret plans and specifications | Elective |
| CPCCVE1002 | Undertake a basic computer design project | Elective |

An asterisk (\*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

Partnering arrangements for CPCCCM2005 Use construction tools and equipment: Colleges should develop a partnership with CIT, other RTO or industry to provide students with access to specialist tools and equipment not available or restricted by school WHS requirements (see list below).

* Table circular saw
* Electric plane
* Impact power drill
* Nail gun
* Impact hammer
* Generator compressor
* Fuel propelled nail guns (paslode)
* Bench grinder
* Cordless tools

### CPC20220 Certificate II in Construction Pathways

For the award of the CPC20220 Certificate II in Construction Pathways, the candidate must demonstrate competency in 10 units of competency:

**5 core units**

**5 elective units.**

Elective units are to be chosen from at least two but no more than four of groups A to I.

One elective may be chosen from any current training package or accredited course as long as it contributes to a valid industry-supported vocational outcome, maintains the AQF level of this qualification, and does not replicate the content of another unit used to achieve this qualification.

An asterisk (\*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

### Core Units – complete all

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |

**Elective Units (maximum one unit from groups C-H)**

General elective units

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Elective** |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM2005\* | Use construction tools and equipment | From Cert I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2012\* | Work safely at heights | Group I |
| CPCCCO2013\* | Carry out concreting to simple forms | Group I |
| **Brick and Blocklaying**  |
| CPCCBL2001\* | Handle and prepare bricklaying and blocklaying materials | Group A |
| CPCCBL2002\* | Use bricklaying and blocklaying tools and equipment | Group A |
| **Carpentry**  |
| CPCCCA2002\* | Use carpentry tools and equipment | Group B |
| CPCCCA2011\* | Handle carpentry materials | Group B |
| **Solid Plastering** Solid plastering (maximum one unit from this group) |
| CPCCSP2001\* | Handle solid plastering materials | Group C |
| CPCCSP2002\* | Use solid plastering tools and equipment | Group C |
| Wall and floor tiling (maximum one unit from this group) |
| CPCCCM2013\* | Undertake basic installation of wall tiles | Group D |
| CPCCWF2002\* | Use wall and floor tiling tools and equipment | Group D |
| **Waterproofing (maximum one unit from this group)** |
| CPCCWP2001\* | Handle waterproofing materials | Group E |
| CPCCWP2002\* | Use waterproofing tools and equipment | Group E |
| **Stonemasonry (maximum one unit from this group)** |
| CPCCST2006\* | Identify and use stone products | Group G |
| CPCCST2007\* | Use stonemasonry tools, plant and equipment | Group G |

An asterisk (\*) against a unit code below indicates that there is a prerequisite requirement that must be met. Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk. Check the unit of competency for information on specific prerequisite requirements. All prerequisite requirements are packaged in the qualification.

\*\*Note: Colleges should develop a partnership with CIT, another RTO or industry to provide students with access to specialist tools and equipment not available or restricted by school WHS requirements e.g. pneumatic tools, air guns, jointers, bricksaws etc.

# VET Implementation Summary

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in that unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Introduction to Construction Pathways (1.0)

#### Certificate 1 Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1015 | Carry out measurements and calculations | Elective |
| CPCCOM2001\* | Read and interpret plans and specifications | Elective |

**Certificate II Construction Pathways**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Elective** |
| CPCCCM2009\* | Carry out basic demolition | Group I |

### Fundamentals of Construction Pathways (0.5)

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1015 | Carry out measurements and calculations | Elective |
| CPCCOM2001\* | Read and interpret plans and specifications | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations**  | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Elective** |
| CPCCCM2009\* | Carry out basic demolition | Group I |

### Construction Industry Practices (1.0)

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCCM2004\*** | **Handle construction materials** | **Core/Electives** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |

|  |
| --- |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Electives** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |

### Construction Industry Skills 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCCM2004\*** | **Handle construction materials** | **Core/Electives** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Electives** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |

### Construction Pathways -Carpentry 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCA2002\* | Use carpentry tools and equipment | Group B |
| CPCCCA2011\* | Handle carpentry materials | Group B |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |

### Construction Skills – Carpentry

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCA2002 | Use carpentry tools and equipment | Group B |
| CPCCCA2011 | Handle carpentry materials | Group B |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |

### Construction Pathways -Bricklaying

#### Certificate 1 Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | Group A |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | Group A |

### Construction Skills -Bricklaying

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |

#### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | Group A |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | Group A |

### Construction Pathways -Solid Plastering 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCSP2001\* | Handle solid plastering materials | Group C |
| CPCCSP2002\* | Use solid plastering tools and equipment | Group C |
| CPCCSP2003\* | Prepare surfaces for plastering | Group I |

### Construction Skills -Solid Plastering 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **Elective** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCSP2001\* | Handle solid plastering materials | Group C |
| CPCCSP2002\* | Use solid plastering tools and equipment | Group C |
| CPCCSP2003\* | Prepare surfaces for plastering | Group I |

### Construction Skills -Tiling 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2013\* | Undertake basic installation of wall tiles | Group D |
| CPCCWF2002\* | Use wall and floor tiling tools and equipment | Group D |

### Construction Skills -Tiling 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2013\* | Undertake basic installation of wall tiles | Group D |
| CPCCWF2002\* | Use wall and floor tiling tools and equipment | Group D |

### Construction Pathways – Waterproofing 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCWP2001\* | Handle waterproofing materials | Group E |
| CPCCWP2002\* | Use waterproofing tools and equipment | Group E |

### Construction Skills – Waterproofing 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCWP2001\* | Handle waterproofing materials | Group E |
| CPCCWP2002\* | Use waterproofing tools and equipment | Group E |

### Construction Pathways -Stonemasonry 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCST2006\* | Identify and use stone products | Group G |
| CPCCST2007\* | Use stonemasonry tools, plant and equipment | Group G |

### Construction Skills -Stonemasonry 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | Undertake a basic construction project | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core**  |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCST2006\* | Identify and use stone products | Group G |
| CPCCST2007\* | Use stonemasonry tools, plant and equipment | Group G |

### SWL Construction (General) – 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |

### SWL Construction (Extended Placement) – 1.0

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |

### SWL Construction Pathways Carpentry – 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core**  |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core/Electives** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **Elective** |
| CPCCCA2002\* | Use carpentry tools and equipment | Group B |

### SWL Construction Pathways Bricklaying – 0.5

#### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |

#### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core/Electives** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **Electives** |
| CPCCBL2002\* | Use bricklaying and blocklaying tools and equipment | Group A |
| CPCCCM2012\* | Work safely at heights | Group I |

# Course Name

Construction Pathways

# Course Classification

C

# Course Framework

This course is presented under the Industrial Technology Trades 2010 Course Framework.

# Course Developers

|  |  |
| --- | --- |
| **Name** | **College** |
| Rod Crafter | St Francis Xavier College |
| Shaun Read | St Francis Xavier College |
| Garry Seary | St Mary MacKillop College |
| Frank Hansby | St Edmund’s College |
| David O’Brien | St Edmund’s College |

# Evaluation of Previous Course

The Construction Pathways A/V course was implemented across three colleges. While the numbers completing majors or minors each year are relatively small, students’ feedback indicates that they have received a good foundation of knowledge related to the construction industry. They have also been able to make good links to employers through structured workplace learning placements that have prepared them for apprenticeship or labouring opportunities.

This course has been redeveloped to implement the new CPC08 Construction, Plumbing and Services Integrated Framework (Version 9.8) and the Industrial Trades Technology Course Framework 2010. At the same time the course has been redeveloped as a ‘C’ course to allow greater flexibility in delivery and assessment.

The course developers have received extensive feedback from industry and a Canberra Institute of Technology (CIT) adviser and have made significant changes to the course. New skills-sets have been included throughout the course to provide colleges and students with increased options and flexibility, which better meets student needs. The course continues to include the mandatory national OHS Site Induction training (CPCCWHS1001). The flexible structured workplace learning units allow students to experience a variety of workplace settings relevant to their individual learning needs or a more extended period with one employer in a specialised trade area. In the new course, colleges are encouraged to develop partnership arrangements with CIT or another RTO to deliver:

* CPCCWHS1001 Prepare to work safely in the construction industry;
* specialised training for CPCCCM201 Work safely at heights, which requires licensing arrangements and safety equipment; and
* customised short courses to cover CPCCCM2005 Use construction tools and equipment, that may include additional tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns, nail guns, jointers, bricksaws etc.
* Information relating to the stipulated SWL hours have been more clearly stated in accordance with previously identified nominal hours from the course structure.

## Training Package

CPC Construction, Plumbing and Services Training Package Release 9.8.

## Qualification Code and Title

Certificate I in Construction - CPC10120

Certificate II in Construction Pathways - CPC20220

## Key Target Group

This course is designed for students interested in the building and construction industry. It focuses on the fundamental skills and underpinning knowledge to pursue further training and work in a range of construction trade areas.

# Implementation Guidelines

## Delivery Period/Duration

**The expected completion time for Certificate I is 2.5 Standard units and Certificate II is 4.5 Standard units.**

This course will be delivered through simulated work activities and class based projects and theory sessions. Emphasis will be given to observation of skills and teacher questioning of knowledge. Evidence contributing toward competency will be collected throughout the course forming the basis to assess competency. Units within this course are not sequential and do not carry any prerequisites. Structured Workplace Learning placement is considered to be an essential component that is highly valued by industry.

## Compulsory units

Completion of core units of competency is required for the achievement of vocational qualifications. The National Code of Practice for Induction for Construction Work (ASCC 2007) requires successful completion of *CPCCWHS1001 Prepare to work safely in the construction industry* also known as the *White Card* before a student may enter a construction worksite. See also page 4 for details.

## Prerequisites for the course or units within the course

All students must complete the National OHS Induction Card Training prior to undertaking Structured Workplace Learning on a construction site (refer to page 4 for details).

It is also recommended that students focus on the following competencies during an SWL placement to consolidate their learning.

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCOM1012** | Work effectively and sustainably in the construction industry | **Core** |
| CPCCOM1014 | Conduct workplace communication | Elective  |

## Training and Assessment Arrangements

**Program Overview:** This program has been designed in consultation with a local industry adviser and the Canberra Institute of Technology to ensure that students have opportunities for smooth transitions into work and further education in the construction industry.

Some of the Units of Competence in the program will be delivered through partnership arrangements with external registered training organisations (RTOs). Examples include CPCCCM2012 Work safely at heights and CPCCCM2005 Use construction tools and equipment. In these instances specialist regulatory/licensing or equipment requirements are set out in the Training Package. Colleges will give credit transfer for the Units of Competence towards the qualifications delivered on production of a Statement of Attainment from the RTO.

## Arrangements for students who are continuing to study a course in this subject

Students must undertake BSSS units not previously studied. In most colleges that run separate year 11 and 12 classes the units will be Construction Pathways – Carpentry (1.0) and Construction Pathways – Bricklaying (1.0).

Colleges scoped to deliver and assess the vocational qualifications will need to map current students across to the new qualifications. This may require the collection of additional assessment evidence where there is a significant change at the Unit of Competence level. A mapping document has been developed by the BSSS using the new Training Package CPC08 Construction, Plumbing and Services Integrated Framework to assist in the transition in process.

## Units from other courses

There are no units from other courses that can contribute to this course.

## Negotiated Units

There are no negotiated units in this course.

## Suggested Implementation Patterns - Examples

|  |  |  |
| --- | --- | --- |
| **Year 1of the program** | **Standard Units (additional SWL)** | **Half Units**  |
| **Introduction to Construction Pathways (1.0)** | Fundamentals of Construction Pathways (0.5) |
| **Construction Industry Practice (1.0)****SWL Construction (General) (0.5)** | Construction Industry Skills (0.5)andSWL Construction (General) (0.5) |
| **Year 2of the program****Colleges should select semester specialisation units** | **Construction Pathways – Carpentry (1.0)** | Construction Skills – Carpentry (0.5) |
| **Construction Pathways – Bricklaying (1.0)** | Construction Skills - Bricklaying (0.5) |
| **Construction Pathways – Solid Plastering (1.0)** | Construction Skills – Solid Plastering (0.5) |
| **Construction Pathways – Tiling (1.0)** | Construction Skills – Tiling (0.5) |
| **Construction Pathways – Waterproofing (1.0)** | Construction Skills – Waterproofing (0.5) |
| **Construction Pathways – Stonemasonry (1.0)** | Construction Skills – Stonemasonry (0.5) |
| **SWL Construction Pathways (Extended Placement) (1.0)**  | SWL Construction Pathways Carpentry (0.5)SWL Construction Pathways Bricklaying (0.5)  |
| **Note**: SWL Construction (Extended Placement) (1.0) option may be undertaken for extended on the job training. SWL can contribute a maximum of 2 standard units to a Senior Secondary Certificate |

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

# Subject Rationale

Courses developed under the Industrial Technology Trades Course Framework are intended to meet the needs of students who have a general interest in industrial technology trades as well as those intending to choose a career pathway into traditional trades and related service industries.

Australia is currently experiencing a skills shortage in traditional trade areas. There is also an increasing demand in Australia and elsewhere for people able to assume highly skilled roles in areas deploying rapidly developing technologies. There is a need for more highly trained new workers and up-skilling of existing workers in the manufacturing and service industries as the levels of newer technologies are increased. For example, there are new materials and techniques in the building industry. Everybody is affected to some degree by the need to understand and effectively use advancing technology in the workshop, the construction site, the factory, office, home or farm.

This course provides opportunities for students to develop relevant technical, vocational and interpersonal competencies suitable for employment and further training. They can also develop skills, knowledge and experiences - such as teamwork, communication and occupational health and safety- that are transferable to other industries.

The range of skills and knowledge in the manufacturing and service industries has increased and will continue to increase. New technologies are constantly replacing recent ones so there is a great need for people involved at any level in the production or use of them to be adaptable. Students and workers need to be able to acquire knowledge quickly and to develop and apply new skills effectively. These skills are transferable so can be used across a wide range of trades and industries. It is also important to maintain traditional skills and attitudes used with older technologies where they underpin and support the newer technologies.

There is an increasing tendency for workers to have several career changes during their lifetime and there are pressures on people to extend their working lives. These changes require retraining that may be funded by industry, but is very often the responsibility of the individual. It is therefore valuable for people to have an education that includes Industrial Technology at the senior secondary level. This could provide them with the best possible base for lifelong learning and for pursuing relevant career choices.

## Qualifications pathways in CPC08 Construction, Plumbing and Services Integrated Framework (Version 1)



# Content

## Essential concepts

The essential concepts and content of this course is guided by the industry endorsed Training Package, CPC08 Construction, Plumbing and Services Integrated Framework.

## Essential skills

* Industry specific skills such as fine motor and physical
* Literacy such as reading, comprehension, writing
* Communication including written, oral and visual
* Numeracy such as costing, quantities, measurement, time, mathematical techniques
* Problem solving such as collecting, organising and analysing
* Teamwork such as sharing, defining roles and responsibilities, recognising and responding to individual’s strengths and weaknesses
* Planning and organising
* Ability to work safely
* Ability to work independently

# Teaching and Learning Strategies

Teaching strategies that are particularly relevant and effective in Industrial Trades Technology include:

* In-class exercises and class discussions
* Quizzes
* Individual and group demonstrations
* Individual tutorials
* Regular and meaningful feedback
* Open-ended design tasks
* Research assignments
* Experimentation with materials and processes
* Use of information and communication technologies
* Questionnaires
* Practical projects
* Industry visits
* Guest speakers
* Work placements
* Establishing industry links with individuals or groups.

## Duplication of Content Rules

The responsibility for preventing undesirable overlap of content studied by a student rests with the principal and the teacher delivering the course. While it is acceptable for a student to be given the opportunity to demonstrate competence over more than one semester, substantial overlap of content is not permitted. Students will only be given credit for covering the content once.

# Assessment

**Reasonable adjustments to assessment for students with a disability**

It is important that education providers take meaningful, transparent and reasonable steps to consult, consider and implement reasonable adjustments for students with disability.

Under the *Disability Standards for Education 2005*, education providers must make reasonable adjustments for people with disability to the maximum extent that those adjustments do not cause that provider unjustifiable hardship. While "reasonable adjustment" and "unjustifiable hardship" are different concepts and involve different considerations, they both seek to strike a balance between the interests of education providers and the interests of students with and without disability.

***Note that standards of competency as dictated by National Training Packages cannot be modified. Students must demonstrate competence to the level required by industry in order to gain a Statement of Attainment or Vocational Certificate.***

An adjustment is any measure or action that a student requires because of their disability, and which has the effect of assisting the student to access and participate in education and training on the same basis as students without a disability. An adjustment is reasonable if it achieves this purpose while taking into account factors, such as the nature of the student’s disability, the views of the student, the potential effect of the adjustment on the student and others who might be affected, and the costs and benefits of making the adjustment.

An education provider is also entitled to maintain the academic integrity of a course or program and to consider the requirements or components that are inherent or essential to its nature when assessing whether an adjustment is reasonable. There may be more than one adjustment that is reasonable in a given set of circumstances; education providers are required to make adjustments that are reasonable and that do not cause them unjustifiable hardship.

See Part 4, Chapter 2 of the *Training Package Development Handbook* (DEST, September 2007) for more information on reasonable adjustment, including examples of adjustments.

## Competency Based Assessment

The assessment of competence must focus on the competency standards and the associated elements as identified in the Training Package. Assessors must develop assessment strategies that enable them to obtain sufficient evidence to deem students competent. This evidence must be gathered over a number of assessment items. Competence to industry standard requires a student to be able to demonstrate the relevant skills and knowledge in a variety of industry contexts on repeated occasions. Assessment must be designed to collect evidence against the four dimensions of competency.

**Task skills –** undertaking specific work place task(s)

**Task management skills –** managing a number of different tasks to complete a whole work activity

**Contingency management skills –** responding to problems and irregularities when undertaking a work activity, such as: breakdowns, changes in routine, unexpected or atypical results, difficult or dissatisfied clients

**Job/role environment skills –** dealing with the responsibilities and expectations of the work environment when undertaking a work activity, such as: working with others, interacting with clients and suppliers, complying with standard operating procedures or observing enterprise policy and procedures.

The most appropriate method of assessing workplace competence is on-the-job in an industry setting under normal working conditions. This includes using industry standard tools, equipment and job aids and working with trade colleagues. Where this is not available, a simulated workplace environment that mirrors the industry setting will be used. The following general principles and strategies apply:

* assessment is competency based
* assessment is criterion-referenced

This course has been designed for:

* flexible delivery modes, such as combined structured workplace learning and simulated
* workplace; and
* assessment of learners against workplace competency standards.

Quality outcomes can only be assured through the assessment process. The strategy for assessment is based on an integration of the workplace competencies for the learning modules into an holistic activity. The awarding of vocational qualifications is dependent on successful demonstration of the learning outcomes within the modules through the Integrated Competency Assessment that meets the Training Package rules and requirements.

The integrated assessment activity will require the learner to:

* demonstrate the appropriate key competencies,
* apply the skills and knowledge which underpin the process required to demonstrate
* competency in the workplace,
* integrate the most critical aspects of the modules for which workplace competency must be demonstrated, and

it will also provide evidence for grades and/or scores for the Board course component of the assessment process in A/V or T/V courses.

## Structured Workplace Learning: Assessment

*Structured Workplace Learning is the workplace component of a nationally recognised industry specific VET in Schools program. It provides supervised learning activities contributing to an assessment of competence, and achievement of outcomes and requirements of a particular Training Package. (Please refer to BSSS Policies and Procedures Manual for Board policy on SWL)*

Students must be able to demonstrate identified competencies in SWL units with direct reference to elements of competence and required skills and knowledge from the relevant Training Package. Assessment of SWL units is competency based and reliant on the gathering of sufficient evidence from a student’s work placement. Students will be awarded a grade Pass or Participated in the SWL unit (refer section on Unit Grades – BSSS Policies and Procedures Manual).

## Recognition of Prior Learning

RPL is an assessment process that assesses an individual’s formal, non-formal and informal learning to determine the extent to which that individual has achieved the required learning outcomes, competence outcomes, or standards for entry to, and/or partial or total completion of, a VET qualification.

Recognition of competence through the RPL process should be granted to students through gathering supplementary evidence against elements, skills and knowledge from the Training Package as well as through established assessment criteria. RPL may be granted for individual Units of Competence where the evidence is sufficient to do so.

A student having been granted RPL for one or more Units of Competence will still be required to fulfill the time based component of units. To cater for this requirement, curriculum designers should design the course to be flexible enough to accommodate students who have gained some competencies through RPL.

Full records of the RPL process and results must be stored by the college for perusal by the National VET Regulator in the event of an audit or should confirmation be required for VET certification.

## Credit Transfer

Credit transfer is the recognition of any vocational competencies, statements of attainment or qualifications achieved by the student and certificated by a NVR registered training organisation. Any such competencies that relate directly to qualifications offered in this course will be recognized by the BSSS on production of appropriate certification from the NRV registered training organisation.

# Moderation

Moderation is a system designed and implemented to:

* provide comparability in the system of school-based assessment
* form the basis for valid and reliable assessment in senior secondary schools
* involve the ACT Board of Senior Secondary Studies and colleges in cooperation and partnership
* maintain the quality of school-based assessment and the credibility, validity and acceptability of Board certificates.

Moderation commences within individual colleges. Teachers develop assessment programs and instruments, apply assessment criteria, and allocate Unit Grades, according to the relevant Course Framework. Teachers within course teaching groups conduct consensus discussions to moderate marking or grading of individual assessment instruments and unit grade decisions.

## The Moderation Model

Moderation within the ACT encompasses structured, consensus-based peer review of Unit Grades for all accredited courses, as well as statistical moderation of course scores, including small group procedures, for ‘T’ courses.

## Moderation by Structured, Consensus-based Peer Review

Review is a subcategory of moderation, comprising the review of standards and the validation of Unit Grades. In the review process, Unit Grades, determined for Year 11 and Year 12 student assessment portfolios that have been assessed in schools by teachers under accredited courses, are moderated by peer review against system wide criteria and standards. This is done by matching student performance with the criteria and standards outlined in the unit grade descriptors as stated in the Course Framework. Advice is then given to colleges to assist teachers with, and/or reassure them on, their judgments.

## Preparation for Structured, Consensus-based Peer Review

Each year, teachers teaching a Year 11 class are asked to retain originals or copies of student work completed in Semester 2. Similarly, teachers teaching a Year 12 class should retain originals or copies of student work completed in Semester 1. Assessment and other documentation required by the Office of the Board of Senior Secondary Studies should also be kept. Year 11 work from Semester 2 of the previous year is presented for review at Moderation Day 1 in March, and Year 12 work from Semester 1 is presented for review at Moderation Day 2 in August.

In the lead up to Moderation Day, a College Course Presentation (comprised of a document folder and a set of student portfolios) is prepared for each A and T course as well as any M units offered by the school and is sent into the Office of the Board of Senior Secondary Studies.

Teachers of C courses are required to present portfolios of student work for verification that units are taught and assessed as documented and validation that assessments meet industry standards. The Moderation Officer will report any concerns to the Board.

## The College Course Presentation

The package of materials (College Course Presentation) presented by a college for review on moderation days in each course area will comprise the following:

* a folder containing supporting documentation as requested by the Office of the Board through memoranda to colleges
* a set of student portfolios containing marked and/or graded written and non-written assessment responses on which the unit grade decision has been made is to be included in the student review portfolios.

Specific requirements for subject areas and types of evidence to be presented for each Moderation Day will be outlined by the Board Secretariat through memoranda and Information Papers.

# Standards for Registered Training Organisations 2015

These Standards form part of the VET Quality Framework, a system which ensures the integrity of nationally recognised qualifications.

RTOs are required to comply with these Standards and with the:

* National Vocational Education and Training Regulator Act 2011
* VET Quality Framework

The purpose of these Standards is to:

* set out the requirements that an organisation must meet in order to be an RTO;
* ensure that training products delivered by RTOs meet the requirements of training packages or VET accredited courses, and have integrity for employment and further study; and
* ensure RTOs operate ethically with due consideration of learners’ and enterprises’ needs.

To access the most recent version of the standards, refer to:

<https://www.legislation.gov.au/Details/F2017C00663>

To access the most recent version of the Users’ Guide to the Standards refer to:
<https://www.asqa.gov.au/standards>

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#### Websites

Actsafe Education Modules – Module 7 is for Building and construction <http://www.workcover.act.gov.au/actsafe/education.cfm>

ACT Master Builders Association <http://www.mba.org.au/public/index.php>

ACT WorkCover Construction Industry Updates <http://www.ors.act.gov.au/workcover/WebPages/Industry/construction.htm>

Asbestos awareness <http://www.asbestos.act.gov.au/>

Aspire Learning Resources – sample materials available to view <http://www.aspirelearningresources.com.au/CPC08CertIIPWays/vproduct-754/>

Building and Construction – Flexible Learning Toolbox 401 <http://toolboxes.flexiblelearning.net.au/demosites/series4/401/index.htm>

Building Skills – Flexible Learning Toolbox 517 <http://toolboxes.flexiblelearning.net.au/demosites/series5/517/default.htm>

Build Right - Flexible Learning Toolbox 10.01 <http://toolboxes.flexiblelearning.net.au/demosites/series10/10_01/content/ftu/page_001.htm>

Construction Industry Training and Employment Association (CITEA) <http://www.citea.com.au/>

Construction and Property Services Industry Skills Council<http://www.cpsisc.com.au/>

Construction resources HSC Online <http://www.hsc.csu.edu.au/construction/>

Creative Safety Initiatives <http://www.constructionsite.com.au/Companies/Creative-Safety-Initiatives-comp4432.htm>

#### OH&S Induction Resources

Construction and Property Services Industry Skills Council [www.cpsosc.com.au](http://www.cpsosc.com.au)

* Construction OHS Induction Pocket Book
* Trainer’s and Assessor’s Guide
* Recognition Application
* Assessment Instrument
* WELL Professional Development Guide

On Guard Safety Training – subscription provides access to: OHS Safety tests, safe working procedures and instructions for machines, machine risk assessments and safety signage <http://www.1300beonguard.com/>

National Code of Practice for Induction and Construction Work

<http://www.safeworkaustralia.gov.au/NR/rdonlyres/FBD41330-5268-479D-B459-B997B268D988/0/Induction_Code_of_Practice_complete.pdf>

Schlyder, D 2005 resources available from Temple Books <http://www.templebooks.com.au>

General Construction - An Industry Study for Secondary Schools

General Construction - Workbook 1 and General Construction - Answer Guide 1

General Construction - Workbook 2 and General Construction - Answer Guide 2

General Construction - Workbook 3 and General Construction - Answer Guide 3

General Construction - Workbook 4 and General Construction - Answer Guide 4

Standards Australia <http://www.standards.org.au>

These were accurate at the time of publication

# Resources

|  |
| --- |
| **All resources must meet current OH&S standards** |
| **Tool** | **Suggest number per class** |
| Face shield | 4 |
| Goggles | 1 per student |
| Respirator Mask Class M | 1 |
| Dust Mask | 1 per student |
| Hard Hat | 1 |
| Ear Muffs | 4 |
| Eye Protection | 4 |
| Fire Extinguishers Range of types | 1 |
| Hand Trolley | 1 |
| Wheelbarrow | 1 |
| Tape Measure 30m | 1 |
| Tape Measure 8m | 2 |
| Folding Rule 1m | 1 |
| Chalk Line | 1 |
| Straight Edge | 1 |
| Levels 600 mm 1200 mm | 1 |
| Line Level | 1 |
| Water level | 1 |
| Claw Hammer | 8 |
| Cross Pein Hammer | 1 |
| Club Hammer | 1 |
| Sledge Hammer | 1 |
| Escutcheon Hammer | 1 |
| Carpenters Mallet | 8 |
| Wood Chisels 6 mm to 25 | 5 |
| Bolster | 2 |
| Plugging Chisel | 1 |
| Pincers | 2 |
| Pinch Bar | 1 |
| Cross Cut Saw | 1 |
| Panel Saw | 1 |
| Hack Saw | 1 |
| Coping Saw | 3 |
| Twist Drill Bits Set | 1 |
| Masonary Bits Set | 1 |
| Spanners Range of Types and Sizes | 1 |
| Sockets Range of Types and Sizes | 1 |
| Adjustable Spanner | 2 |
| Screwdrivers Range of Types and Sizes | 1 |
| Pliers Range of Types and Sizes | 1 |
| Bolt Cutters | 1 |
| Snips | 1 |
| Paint Scraper | 2 |
| Putty Knife | 2 |
| Paint Brushes - Various Types and Widths | 1 per student |
| Paint Roller and Tray | 2 |
| Pick | 2 |
| Mattock | 2 |
| Crow Bar | 1 |
| Post Hole Shovel | 2 |
| Spade | 2 |
| Square Nose Shovel | 2 |
| Plank | 2 |
| Saw Stool | 2 |
| Trestle | 2 |
| Ladder - Step and Extension | 2 |
| Steel Float | 3 |
| Plastic Float | 1 |
| Wood Float | 5 |
| Bull Float | 1 |
| Pointed Float | 1 |
| Edge Tool | 1 |
| Jointing Tool | 1 |
| Broom | 2 |
| Bucket | 2 |
| Ceramic Tile Cutter | 1 |
| Extension Lead | 2 |
| Air Line | 1 |
| Broad Knife | 5 |
| “G” and Sash Cramps - Various sizes | 1 |
| **Portable Power Tools** |
| Extension Cord |
| Air Line |
| Circular Saw |
| Drill |
| Impact Drill |
| Jig Saw |
| Planer |
| Router |
| Belt Sander |
| Orbital Sander |
| Disc Sander |
| Screwdriver |
| Cordless Drill |
| Biscuit Joiner |
| Steam Iron |
| Air Compressor |
| Pneumatic Stapler |
| Compound Mitre Saw |
| Cement Mixer |
| **Facility** |
| Workbench and vice for each student. |
| Storage space for Materials |
| Secure Storage space for Projects |
| Theory/Drawing Room with Drawing Boards, Equipment and access to Computers for CAD etc. |
| **Machinery** |
| Table Saw |
| Band Saw |
| Radial Arm or Drop Saw |
| Thicknesser |
| Jointer |
| Lathe |
| Bench Grinder |
| Linisher |
| Drill Press |
| Welding Equipment |

# Proposed Evaluation Procedures

The evaluation will proceed through:

* discussions with the BSSS, personnel from other colleges, colleagues in relevant professional associations and employers in the industry
* teacher, student and parent evaluation during the course, and
* consultation with the relevant Industry representatives

On-going monitoring/evaluation will be continued. This evaluation will consider:

* implementation issues
* curriculum issues (e.g. relevance, scheduling, effectiveness of RPL processes, integration of training, assessment procedures - both in the workplace and college situations
* student outcomes (further education and training; employment - in the industry and outside it)
* the perceptions of both employed graduates and employers on the relevance and value of the course to employment
* retention rates to graduation, and reasons for early withdrawal
* feedback from other training providers on articulation; and
* level of certification gained - perceived relevance of the exit and entry points; perceived relevance of the qualification gained.

# Introduction to Construction Pathways Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with** **Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate 1 Construction

|  |  |  |
| --- | --- | --- |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1015 | Carry out measurements and calculations | Elective |
| CPCCOM2001\* | Read and interpret plans and specifications | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Elective** |
| CPCCCM2009\* | Carry out basic demolition | Group I |

\* Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

## Teaching and Learning Strategies

Refer to page 26

## Resources

Refer to Bibliography on page 30.

# Fundamentals of Construction Pathways Value 0.5

Students must complete the 1.0 unit unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Integrated Framework, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

***Select 4 Units of Competence for delivery in a term unit from the table below:***

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1015 | Carry out measurements and calculations | Elective |
| CPCCOM2001\* | Read and interpret plans and specifications | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Elective** |
| CPCCCM2009\* | Carry out basic demolition | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

## Teaching and Learning Strategies

Refer to page 26.

## Resources

**R**efer to Bibliography on page 30.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

# Construction Industry Practices Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Electives** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |

\* Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note:** Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO.

## Teaching and Learning Strategies

Refer to page 26.

## Resources

Refer to Bibliography on page 30.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

# Construction Industry Skills Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCOM1015** | **Carry out measurements and calculations** | **Core** |
| **CPCCOM1012**  | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCOM1013** | **Plan and organise work** | **Core** |
| **Electives** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## Resources

Refer to Bibliography on page 30.

# Construction Pathways – Carpentry Value 1.0

## Prerequisite

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCA2002\* | Use carpentry tools and equipment | Group B |
| CPCCCA2011\* | Handle carpentry materials | Group B |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## Resources

Refer to Bibliography on page 30.

# Construction Skills – Carpentry Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **Elective Units- complete 3** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCA2002 | Use carpentry tools and equipment | Group B |
| CPCCCA2011 | Handle carpentry materials | Group B |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school WHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

# Construction Pathways – Bricklaying Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate 1 Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **Elective Units** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | Group A |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | Group A |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and learning strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Skills – Bricklaying Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCCM2004\* | Handle construction materials | Group I |
| CPCCCM2012\* | Work safely at heights# | Group I |
| CPCCBL2001A | Handle and prepare bricklaying and blocklaying materials | Group A |
| CPCCBL2002A | Use bricklaying and blocklaying tools and equipment | Group A |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

 **#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Pathways – Solid Plastering Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

\* Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

**Groupings of units of competency for delivery around a skill set/job role/work role:**

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCSP2001\* | Handle solid plastering materials | Group C |
| CPCCSP2002\* | Use solid plastering tools and equipment | Group C |
| CPCCSP2003\* | Prepare surfaces for plastering | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Skills – Solid Plastering Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

\* Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCSP2001\* | Handle solid plastering materials | Group C |
| CPCCSP2002\* | Use solid plastering tools and equipment | Group C |
| CPCCSP2003\* | Prepare surfaces for plastering | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO.

Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Pathways – Tiling Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core**  |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core**  |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2013\* | Undertake basic installation of wall tiles | Group D |
| CPCCWF2002\* | Use wall and floor tiling tools and equipment | Group D |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Skills – Tiling Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2013\* | Undertake basic installation of wall tiles | Group D |
| CPCCWF2002\* | Use wall and floor tiling tools and equipment | Group D |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

 **#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO. See also note on page 4.

Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Pathways – Waterproofing Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Elective Units- complete 3** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCWP2001\* | Handle waterproofing materials | Group E |
| CPCCWP2002\* | Use waterproofing tools and equipment | Group E |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Skills – Waterproofing Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM2009\* | Carry out basic demolition | Group I |
| CPCCWP2001\* | Handle waterproofing materials | Group E |
| CPCCWP2002\* | Use waterproofing tools and equipment | Group E |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Pathways – Stonemasonry Value 1.0

## Prerequisites

Refer to page 21, compulsory units and prerequisites.

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |
| **Elective Units- complete 3** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Electives** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCST2006\* | Identify and use stone products | Group G |
| CPCCST2007\* | Use stonemasonry tools, plant and equipment | Group G |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment. See also note on page 4.

## Teaching and Learning Strategies

Refer to page 26.

## References

Refer to Bibliography page 30.

# Construction Skills – Stonemasonry Value 0.5

Students must undertake accredited semester 1.0 units unless enrolled in a 0.5 unit due to late entry or early exit in a semester.

## Prerequisites

Refer to page 21, compulsory units and prerequisites

## Duplication of Content

Refer to page 26.

## Competency based assessment

Refer to page 27.

Assessment of competence must be comprehensive with evidence collected over time in a range of construction tasks and/or settings. Appropriate assessment includes: industry projects; observations; case studies; interviews; workplace projects and third party on the job assessment reports that are undertaken in this unit.

Teachers must use this document in conjunction with the Units of Competence from the CPC Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCVE1011\*** | **Undertake a basic construction project** | **Core** |
| **CPCCCM1011** | **Undertake basic estimation and costing** | **Core**  |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core**  |
| **Electives** |
| BSBSUS211 | Participate in sustainable work practices | Elective |
| CPCCCM2006 | Apply basic levelling procedures | Elective |
| CPCCOM1014 | Conduct workplace communication  | Elective |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **Electives (maximum one unit from groups C-H)** |
| CPCCCM1011 | Undertake basic estimation and costing | Group I |
| CPCCCM2006 | Apply basic levelling procedures | Group I |
| CPCCST2006\* | Identify and use stone products | Group G |
| CPCCST2007\* | Use stonemasonry tools, plant and equipment | Group G |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

**Note:** Colleges should develop a partnership with CIT, another RTO or industry to provide students access to specialist tools and equipment not available or restricted by school OHS requirements e.g. pneumatic tools, air guns etc. This is a requirement to cover the breadth and depth of assessment required for the core unitCPCCCM2005 Use construction tools and equipment.

 **#Note**: Work safely at heights must be delivered by an external RTO that meets the industry’s regulatory and licensing regulations for this specialised field. Colleges will award this Unit of Competence through credit transfer of results on a Statement of Attainment from the delivering RTO. See also note on page 4.

## Teaching and learning strategies

Refer to Page 26.

## References

Refer to Bibliography page 30.

# SWL Construction (General) Value 0.5

*This SWL placement may be combined with the Construction Industry Skills half unit to equate to one Standard unit of study. It may also be undertaken as an additional half unit in the first year of study.*

## Duplication of Content

Refer to page 26.

## Prerequisites

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (SAC 2006) is required before entering a construction work site. Achievement of Unit of Competency CPCCWHS1001 covers this requirement. *National White Card (Building Construction and Civil Sites OH&S Induction)*

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

This unit must provide students with opportunities to work on a private/commercial construction site. Students will be able to observe the work of specialist construction fields and the interrelationships of project management.

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |

## Assessment

Students need to complete a minimum of 27.5 hours in the Structured Workplace Learning placement to obtain credit for 0.5 of a standard unit.

Teachers can collect third party reports from employers to contribute evidence for assessment of competence. They may also assess students on the job, through observation and questioning.

## Structured Workplace Learning Assessment

Refer to page 28.

# SWL Construction (Extended Placement) Value 1.0

This unit is designed to provide an opportunity for students to undertake an extended on the job placement with a specialist tradesperson working on house or commercial building sites. Specialisation competencies undertaken at the college level should be considered when arranging suitable host employers. Subsequent placements must ensure students are exposed to a range of experiences and employment environments.

***Note****: Packaging rules listed on pages 4-5 must be observed. Use Nominal Hours (Appendix A) as a guide to depth and breadth of competencies undertaken.*

## Duplication of Content

Refer to page 26.

## Prerequisites

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (SAC 2006) is required before entering a construction work site. Achievement of unit CPCCWHS1001 covers this requirement. *National White Card (Building Construction and Civil Sites WH&S Induction)*

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS1001** | **Prepare to work safely in the construction industry** | **Core** |
| **CPCCCM2005\*** | **Use construction tools and equipment** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core** |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

## Assessment

Students need to complete a minimum of 55 hours in this SWL placement to obtain credit for a Standard unit 1.0.

Teachers can collect third party reports from employers to contribute evidence for assessment of competence. They may also assess students on the job, through observation and questioning.

## Structured Workplace Learning Assessment

Refer to page 28.

# SWL Construction Pathways Carpentry Value 0.5

This half unit is designed to provide an opportunity for students to undertake on the job placement with a specialist tradesperson working on house or commercial building sites. Specialisation competencies undertaken at the college level should be considered when arranging suitable host employers. Subsequent placements must ensure students are exposed to a range of experiences and employment environments.

***Note****: Packaging rules listed on pages 4-5 must be observed. Use Nominal Hours (Appendix A) as a guide to depth and breadth of competencies undertaken.*

## Duplication of Content

Refer to page 26.

## Prerequisites

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (SAC 2006) is required before entering a construction work site. Achievement of unit CPCCWHS1001 covers this requirement. *National White Card (Building Construction and Civil Sites OH&S Induction)*

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

This unit will allow students to develop skills and knowledge in a field of specialisation. These may include:

* Carpentry
* Solid plastering (rendering)
* Wall and floor tiling
* Waterproofing
* Joinery and shopfitting

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCCM2004\*** | **Handle construction materials** | **Core**  |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core**  |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedure in the construction industry** | **Core**  |

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **Elective** |
| CPCCCA2002\* | Use carpentry tools and equipment | Group B |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

## Assessment

Students need to complete a minimum of 27.5 hours in the Structured Workplace Learning Placement to obtain credit for a 0.5 unit.

Teachers can collect third party reports from employers as evidence of competence. They may also assess students on the job, through observation and oral questioning.

## Structured Workplace Learning Assessment

Refer to page 28.

# CP SWL Construction Pathways Bricklaying Value 0.5

This half unit is designed to provide an opportunity for students to undertake on the job placement with a specialist tradesperson working on house or commercial building sites. Specialisation competencies undertaken at the college level should be considered when arranging suitable host employers. Subsequent placements must ensure students are exposed to a range of experiences and employment environments.

## Duplication of Content

Refer to page 26.

## Prerequisites

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (SAC 2006) is required before entering a construction work site. Achievement of unit CPCCWHS1001 covers this requirement. *National White Card (Building Construction and Civil Sites OH&S Induction)*

Nominal delivery hours are listed in [Appendix A](#_Appendix_A_–_1). They provide a guide to depth and breadth of each Unit of Competence.

Teachers must use this document in conjunction with the Units of Competence from the CPC08 Construction, Plumbing and Services Training Package, which provides performance criteria, range statements and assessment contexts. Please note that competence must be demonstrated over time and in the full range of construction contexts.

## Content

**Competencies delivered should align with Training Package requirements. The competencies nominated below provide a guide for delivery. Not all competencies listed are required to be delivered in this unit and others made be added. Careful attention to meeting Training Package requirements when selecting the units to be delivered will ensure that the relevant qualification can be achieved.**

### Certificate I Construction

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |

### Certificate II Construction Pathways

|  |  |  |
| --- | --- | --- |
| **Code** | **Competency Title** | **Core/Elective** |
| **CPCCWHS2001** | **Apply WHS requirements, policies and procedures in the Construction Industry** | **Core** |
| **CPCCOM1012** | **Work effectively and sustainably in the construction industry** | **Core** |
| **Electives** |
| CPCCBL2002\* | Use bricklaying and blocklaying tools and equipment | Group A |
| CPCCCM2012\* | Work safely at heights | Group I |

**\*** Prerequisite unit(s) must be assessed before assessment of any unit of competency with an asterisk.

## Assessment

Students need to complete a minimum of 27.5 hours in the Structured Workplace Learning Placement to obtain credit for a half standard unit 0.5.

Teachers can collect third party reports from employers as evidence of competence. They may also assess students on the job, through observation and oral questioning.

## Structured Workplace Learning Assessment

Refer to page 28.

# Pathways to Further Education and Training

### CPC10120 Certificate I in Construction

This qualification provides an introduction to the construction industry, its culture, occupations, job roles and workplace expectations. The units of competency cover essential occupational health and safety requirements, the industrial and work organisation structure, communication skills, work planning, and basic use of tools and materials. The qualification is built around a basic construction project unit that integrates the skills and embeds the facets of employability skills in context.

The qualification is suited to VET in Schools programs or learners with no previous connection to the construction industry or relevant employment history.

There are no specific job outcomes to this qualification, but the skills achieved will assist in successfully undertaking a Certificate II pre-vocational program or job outcome qualification, or will facilitate entry into an Australian Apprenticeship.

The unit CPCCWHS1001 Prepare to work safely in the construction industry is designed to meet OHS regulatory authority requirements for OHS induction and must be achieved before access to any building and construction work site. CPCCWHS1001 is a prerequisite for all compulsory OHS units in Certificate II and III construction qualifications.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context. A substantial period of work placement is recommended to ensure the unit outcomes are met.

### CPC20220 Certificate II in Construction Pathways

This qualification provides a pathway to the primary trades in the construction industry with the exception of plumbing. Trade outcomes are predominantly achieved through an Australian Apprenticeship and this Certificate II allows for inclusion of skills suited for entry to off-site occupations, such as joinery and shopfitting as well as carpentry, bricklaying and other occupations in general construction.

This Certificate II is designed to introduce learners to the recognised trade callings in the construction industry and provide meaningful credit in a construction industry Australian Apprenticeship. The qualification has compulsory requirements that are required in most Certificate III qualifications. The elective options are structured to allow choice from areas of trade skills as an introduction to a range of occupations.

The construction industry strongly affirms that training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment and this qualification requires all units of competency to be delivered in this context.

Completion of the general induction training program specified by the National Code of Practice for Induction Training for Construction Work (SAC 2006) is required before entering a construction work site. Achievement of unit CPCCWHS1001 covers this requirement.