

COURSE CONTENT

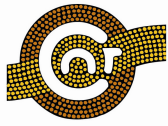
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| National Qualification Code: | 70118NT |
| Length of Qualification: | 614hrs |
| Qualification Name: | Certificate II in Applied Design and Technology (ATWORK) |

What is this qualification about?

The Certificate II in Applied Design and Technology aims to develop practical skills, self confidence in support of remote community functions and lifestyle choices.

You will be studying the following Units of Competency:

| Core Units | | Hours |
|-------------------|--|--------------|
| UBO001 | Introduction to applied design and technology | 20 |
| UBO003 | Prepare for using metal welding-cutting equipment & consumables | 15 |
| UGP001 | Work within the key areas of Indigenous community technical services | 10 |
| UGP002 | Identify the impact of technology transfer in an Australian Indigenous community | 10 |
| BCGCM1001B | Follow OH&S policies and procedures | 40 |
| BCGCM1003B | Plan and organise work | 20 |
| BCGCM1004B | Conduct workplace communication | 20 |
| BCGCM1005B | Carry out measurements and calculations | 20 |
| BCGCM2001B | Read and interpret plans and specifications | 36 |
| BCGCM2005B | Use construction tools and equipment | 70 |
| BCGCM2006B | Apply basic levelling procedures | 8 |
| MEM5.12C | Perform routine manual metal arc welding | 20 |
| HLTPOP214B | Provide basic repairs and maintenance to health hardware and fixtures | 40 |
| BCPDR2001A | Locate and clear blockages | 8 |
| AURT201170A | Inspect & Service Engines | 20 |
| AURT200108A | Carry Out Servicing Operations | 20 |
| <i>Total</i> | | 377 |
| Electives | | |
| BSBCM101A | Apply basic communication skills | 40 |
| BSBADM101A | Use business equipment and resources | 15 |
| MEM16.8A | Interact with computing technology | 20 |
| BCGCM2002B | Carry out excavation | 16 |
| BCGCO2003B | Carry out concreting to simple forms | 16 |
| BCGCM2004B | Handle construction materials | 16 |
| BCGCM2009B | Carry out basic demolition | 32 |



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| BCGPD2003B | Remove and replace doors and door and window furniture | 4 |
| BCCCM2007B | Spread and compact materials manually | 12 |
| BCCRC2001B | Repair potholes | 36 |
| HLTOPP213B | Support community processes for the provision of ongoing repairs and maintenance to health hardware | 70 |
| BCPCM2010A | Mark out materials | 20 |

Skills achieved in this qualification:

Upon completion of the course students will

- have a basic understanding of applied design and technacy;
- have developed the technical skills in preparation for community repairs and maintenance tasks;
- have a basic knowledge of the primary functional categories of remote communities (water, waste, shelter/environment, transport and communication).

Recognition of Prior Learning (RPL) and Credit Transfer (CT):

CAT recognises that some of you already have good technical and other skills and therefore may not have to re-learn something you already know. If this is the case, speak to your lecturer about applying for RPL. You can also apply for a Credit Transfer if you have completed all or part of a similar course.

Opportunities:

The Certificate II in Applied Design and Technology is the foundation course for the ATWORK program and as such is not intended for direct entry into employment. However, the following provides examples of community tasks / activities that graduates from this course might be engaged in:

- CDEP routine maintenance tasks and basic community projects;
- community building and other infrastructure development projects;
- general maintenance of outstations, school grounds, council grounds etc;
- Entry into Certificate III in Applied Design and Technology.