

Down to Earth Training & Assessing



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Course List 2006-2007

(Machine Courses / Assessments are held at your site, using your machines)

New Work-safe Course & Main Roads Approved Courses

51466 Course in Safety Awareness Training (Blue Card)	Worksafe approved	Compulsory
Basic Worksite Traffic Management	Main Roads approved Basic Worksite Traffic Management	
Traffic Control	Main Roads approved Traffic Control	
Dogging BCGDO3001B	Worksafe approved & in the Building & Civil Construction Training Package	

More information is supplied in regards to this course if requested.

Certificate Level Courses

(all competencies may be run individually or grouped)

- BCC30103 Certificate III in Civil Construction
- BCC30503 Certificate III in Civil Construction (Pipe Laying)
- BCC30603 Certificate III in Civil Construction (Plant Operations)
- BCC30703 Certificate III in Civil Construction (Road Construction and Maintenance)

Courses/Competencies listed within may be mentioned several times but may vary from a CORE subject to an ELECTIVE subject.

Certificate III in Civil Construction

Qualification Structuring Rules

To obtain this qualification all eight (8) core competency units and seventeen (17) elective competency units must be achieved. Of the seventeen electives:

- A minimum of ten (10) units must be AQF3 units from this inventory, and
- Up to three electives may be replaced with relevant AQF3 units from another civil qualification or another relevant endorsed Training package

Core competency units cannot be substituted.

Unit Number	Unit Title	Status¹
BCCCM1001B	Follow OH&S policies and procedures	C
BCCCM1002B	Conduct workplace communication	C
BCCCM1003B	Plan and organise work	C
BCCCM1004B	Carry out measurements and calculations	C
BCCCM1005B	Handle construction materials and safely dispose of non-toxic materials	C
BCCCM2001B	Use civil construction hand and power tools	C
BCCCM2002B	Use small plant and equipment	C
BCCCM2003B	Read and interpret plans and specifications	C
BCCCM2004B	Drain and dewater site	E
BCCCM2005B	Carry out manual excavation	E
BCCCM2006B	Support plant operations	E
BCCCM2007B	Spread and compact materials manually	E
BCCCM2008B	Carry out basic levelling	E
BCCCM2009B	Work in confined spaces	E
BCCCM2010B	Install trench support	E

BCCCM2011B	Erect and dismantle temporary fencing and gates	E
BCCCM2012B	Carry out concrete work	E
BCCCM2013B	Control traffic with a stop-slow bat	E
BCCCM2014B	Identify, locate and protect underground services	E
BCCCM3001B	Construct and dismantle fences and gates	E
BCCCM3002B	Control construction site water table	E
BCCCM3003B	Implement traffic management plan	E
BCCCM3004B	Maintain site records	E
BCCCM3005B	Carry out site based risk control processes	E

BCCBM2001B	Strip pile heads	E
BCCBM3001B	Maintain concrete bridges	E
BCCBM3002B	Install pre-cast girders	E
BCCBM3003B	Install pre-cast parapets	E
BCCBM3004B	Operate a bridge inspection unit	E
BCCBM3005B	Install pre-cast concrete bridge decks	E
BCCBM3006B	Undertake concreting work on concrete bridges	E
BCCBM3007B	Construct formwork and false work on concrete bridges	E
BCCBS2001B	Conduct tack coat spraying operations	E
BCCBS2002B	Hand spread asphalt	E
BCCBS2003B	Safely handle bituminous materials	E
BCCBS2004B	Conduct aggregate spreader box operations	E
BCCBS2005B	Roll aggregate in sprayed sealing operations	E
BCCBS2006B	Conduct pavement sweeping operations	E
BCCBS2007B	Take samples of materials used in road surfacing	E
BCCBS2008B	Conduct road maintenance operations	E
BCCBS3001B	Conduct profile planer operations	E
BCCBS3002B	Conduct paver screeding operations	E
BCCBS3003B	Conduct materials transfer vehicle operations	E
BCCBS3004B	Compact asphalt with rollers	E
BCCBS3005B	Conduct asphalt paver operations	E
BCCBS3006B	Conduct slurry sealing operations	E

BCCBS3007B	Conduct bitumen sprayer operations	E
BCCBS3008B	Load aggregate using a purpose built loader	E
BCCBS3009B	Conduct self propelled aggregate spreader operations	E
BCCBS3010B	Conduct patching operations	E
BCCBS3011B	Produce asphalt products	E
BCCBS3012B	Conduct bitumen tanker operations	E
BCCFW3001B	Construct underpinning	E
BCCFW3002B	Install temporary and permanent rock anchors	E
BCCFW3003B	Install primary ground support	E
BCCFW3004B	Drive piles	E
BCCFW3005B	Bore cast in-situ piles	E
BCCPL3001B	Install water mains pipelines	E
BCCPL3002B	Install stormwater systems	E
BCCPL3003B	Install sewer pipelines	E
BCCPL3004B	Install pre-cast gully pits	E
BCCPL3005B	Install pre-cast access chambers	E
BCCRC2001B	Repair potholes	E
BCCRC2002B	Install signs	E
BCCRC2003B	Install sub-soil drainage	E
BCCRC2004B	Install and maintain roadside fixtures	E
BCCRC2005B	Install utility poles	E
BCCRC2006B	Install pre-cast concrete crash barriers	E

BCCRC2007B	Install noise barriers	E
BCCRC2008B	Lay pipes	E
BCCRC2009B	Lay reinforced concrete box culverts	E
BCCRC3001B	Maintain drainage systems	E
BCCRC3002B	Place and form concrete kerb, channel and fixtures	E
BCCRC3003B	Lay pavers	E
BCCRC3004B	Maintain sealed roads	E
BCCRC3005B	Conduct road construction paver screeding operations	E
BCCRC3006B	Conduct earthworks	E
BCCRC3007B	Conduct road pavement construction	E
BCCRM2001B	Escort mobile road marking operations	E
BCCRM2002B	Handle and store road marking materials	E
BCCRM2003B	Conduct pedestrian road marking operations	E
BCCRM2004B	Prepare surface for road marking	E
BCCRM2005B	Conduct road marking measuring operations	E
BCCRM2006B	Conduct airless and atomised spraying operations	E
BCCRM2007B	Install raised pavement markers	E
BCCRM3001B	Conduct ride on road marking operations	E
BCCRM3002B	Conduct long line road marking operations	E
BCCRM3003B	Conduct thermo plastic road marking operations	E
BCCTC3001B	Install tunnelling construction services	E
BCCTC3002B	Line tunnel	E

BCCTC3003B	Excavate tunnel by machine	E
BCCTC3004B	Muck out tunnel earthworks	E
BCCTC3005B	Construct portals	E
BCCTT3001B	Conduct fluid assisted directional boring	E
BCCTT3002B	Conduct impact moling, ramming, and augering	E
BCCTT3003B	Control micro tunnelling and pipejacking	E
BCCTT3004B	Undertake on-line replacement for existing pipeline systems	E
BCCTT3005B	Undertake localised repair and sealing of existing pipeline systems	E
BCCTT3006B	Install cure in-place linings for existing pipeline systems	E
BCCTT3007B	Spray linings for existing pipeline systems	E
BCCTT3008B	Install close-fit linings for existing pipeline systems	E
BCCTT3009B	Install slip lining in existing pipeline systems	E
BCCTT3010B	Renovate large diameter pipes and chambers	E
BCGCM2007B	Use explosive power tools	E
BCGCM2008B	Erect and dismantle restricted height scaffolding	E
BCGCM3001B	Operate elevated work platforms	E
BCGCM3002B	Operate a truck mounted loading crane	E
BCGSF2003B	Cut and bend material using Oxy-LPG equipment	E
BCGSF2004B	Place and fix reinforcement materials	E
BSBCM310A	Deliver and monitor a service to customers	E
BSBFLM304A	Participate in work teams	E

BSBFLM305A	Support operational plan	E
DRTOGOF21B	Operate drilling fluids and mud pits	E
DRTOGON24B	Operate mud systems	E
FPIFGM069A	Trim and cross cut felled trees	E
FPIFGM111A	Fall trees manually – intermediate	E
MNQ.OP/32.A	Carry out shot firing	E
TDTD1097B	Operate a forklift	E
TDTD1197B	Conduct specialised forklift operations	E
THTGTM02A	Carry out grounds maintenance	E
UTGNGS301A	Construct and lay pipelines (Gas)	E

Note: 1. Status. The status of each unit of competency is designated as either C being core or mandatory or E being elective.

BCC30503 Certificate III in Civil Construction (Pipe Laying)

Qualification Structuring Rules

To obtain this qualification all nineteen (19) core competency units and six (6) elective competency units must be achieved. Of the elective units:

- four must be AQF 3 units and must include one of the units marked with *

Core competency units cannot be substituted. However, a maximum of one elective may be substituted by selecting a competency unit from another qualification within the Civil Construction Training Package or from another relevant endorsed Training Package.

Competency Units Relating to Qualifications

Unit Number	Unit Title	Status ¹
BCCCM1001B	Follow OH&S policies and procedures	C
BCCCM1002B	Conduct workplace communication	C
BCCCM1003B	Plan and organise work	C
BCCCM1004B	Carry out measurements and calculations	C

BCCCM1005B	Handle construction materials and safely dispose of non-toxic materials	C
BCCCM2001B	Use civil construction hand and power tools	C
BCCCM2002B	Use small plant and equipment	C
BCCCM2003B	Read and interpret plans and specifications	C
BCCCM2004B	Drain and dewater site	C
BCCCM2005B	Carry out manual excavation	C
BCCCM2006B	Support plant operations	C
BCCCM2007B	Spread and compact materials manually	C
BCCCM2008B	Carry out basic levelling	C
BCCCM2009B	Work in confined spaces	C
BCCCM2010B	Install trench support	C
BCCCM2013B	Control traffic with a stop-slow bat	C
BCCCM2014B	Identify, locate and protect underground services	C
BCCCM3003B	Implement traffic management plan	C
BCCRC2008B	Lay pipes	C
BCCCM2011B	Erect and dismantle temporary fencing and gates	E
BCCCM2012B	Carry out concrete work	E
BCCCM3001B	Construct and dismantle fences and gates	E
BCCCM3002B	Control construction site water table	E
BCCCM3004B	Maintain site records	E
BCCCM3005B	Carry out site based risk control processes	E

BCC30603 Certificate III in Civil Construction (Plant Operations)

Qualification Structuring Rules

To obtain this qualification, the following must be achieved:

- all fifteen (15) core competency units and four (4) elective competency units from the AQF 2 & 3 elective units, and
 - one competency unit from Group A Plant and two competency units from Group B plant
- or
- two competency units from Group A Plant

Core competency units cannot be substituted.

Unit Number	Unit Title	Status¹
BCCCM1001B	Follow OH&S policies and procedures	C
BCCCM1002B	Conduct workplace communication	C
BCCCM1003B	Plan and organise work	C
BCCCM1004B	Carry out measurements and calculations	C
BCCCM1005B	Handle construction materials and safely dispose of non-toxic materials	C
BCCCM2001B	Use civil construction hand and power tools	C
BCCCM2002B	Use small plant and equipment	C
BCCCM2003B	Read and interpret plans and specifications	C
BCCCM2004B	Drain and dewater site	C
BCCCM2005B	Carry out manual excavation	C
BCCCM2006B	Support plant operations	C
BCCCM2007B	Spread and compact materials manually	C
BCCCM2008B	Carry out basic levelling	C
BCCCM2013B	Control traffic with a stop-slow bat	C
BCCCM2014B	Identify, locate and protect underground services	C

BCCCM2009B	Work in confined spaces	E
BCCCM2010B	Install trench support	E
BCCCM2011B	Erect and dismantle temporary fencing and gates	E
BCCCM2012B	Carry out concrete work	E
BCCCM3005B	Carry out site based risk control processes	E
BCCPO3020B	Load and unload plant	E
BCCRC2001B	Repair potholes	E
BCCRC2008B	Lay pipes	E
BCGCM2007B	Use explosive power tools	E
BCGCM2008B	Erect and dismantle restricted height scaffolding	E
BCGCM3001B	Operate elevated work platforms	E
BCGSF2003B	Cut and bend materials using Oxy-LPG equipment	E

Group A

Unit Number	Unit Title	Status ¹
BCCPO3001B	Conduct backhoe/loader operations	E
BCCPO3002B	Conduct dozer operations	E
BCCPO3003B	Conduct excavator operations	E
BCCPO3004B	Conduct wheeled front end loader operations	E
BCCPO3005B	Conduct tracked front end loader operations	E
BCCPO3006B	Conduct grader operations	E
BCCPO3007B	Conduct scraper operations	E

BCCPO3008B	Conduct skid steer loader operations	E
BCCPO3009B	Conduct pipelayer operations	E

Group B

Unit Number	Unit Title	Status¹
BCCPO3010B	Conduct integrated tool carrier operations	E
BCCPO3011B	Conduct tractor operations	E
BCCPO3012B	Conduct tip truck operations	E
BCCPO3013B	Conduct roller operations	E
BCCPO3014B	Conduct water cart operations	E
BCCPO3015B	Conduct continuous bucket trencher operations	E
BCCPO3016B	Conduct dump truck operations	E
BCCPO3017B	Conduct self propelled compactor operations	E
BCCPO3018B	Conduct paver operations	E
BCCPO3019B	Conduct stabiliser operations	E

Note: 1. Status. The status of each unit of competency is designated as either C being core or mandatory or E being elective.

BCC30703 Certificate III in Civil Construction

(Road Construction and Maintenance)

Qualification Structuring Rules

To obtain this qualification all seventeen (17) core competency units and eight (8) elective competency units must be achieved. Of the elective units:

- a minimum of four of the eight must be AQF3 level
- a minimum of four must be RC units including at least two RC AQF3 units.

Core competency units cannot be substituted. However, a maximum of one elective may be substituted by selecting a competency unit from another qualification within the Civil Construction Training Package or from another relevant endorsed Training Package.

Competency Units Relating to Qualifications

Unit Number	Unit Title	Status ¹
BCCCM1001B	Follow OH&S policies and procedures	C
BCCCM1002B	Conduct workplace communication	C
BCCCM1003B	Plan and organise work	C
BCCCM1004B	Carry out measurements and calculations	C
BCCCM1005B	Handle construction materials and safely dispose of non-toxic materials	C
BCCCM2001B	Use civil construction hand and power tools	C
BCCCM2002B	Use small plant and equipment	C
BCCCM2003B	Read and interpret plans and specifications	C
BCCCM2004B	Drain and dewater site	C
BCCCM2005B	Carry out manual excavation	C
BCCCM2006B	Support plant operations	C
BCCCM2007B	Spread and compact materials manually	C
BCCCM2008B	Carry out basic levelling	C

BCCCM2009B	Work in confined spaces	C
BCCCM2014B	Identify, locate and protect underground services	C
BCCCM3003B	Implement traffic management plan	C
BCCRC2001B	Repair potholes	C
BCCCM2010B	Install trench support	E
BCCCM2011B	Erect and dismantle temporary fencing and gates	E
BCCCM2012B	Carry out concrete work	E
BCCCM2013B	Control traffic with a stop-slow bat	E
BCCCM3001B	Construct and dismantle fences and gates	E
BCCCM3002B	Control construction site water table	E
BCCCM3004B	Maintain site records	E
BCCCM3005B	Carry out site based risk control processes	E
BCCRC2002B	Install signs	E
BCCRC2003B	Install sub-soil drainage	E
BCCRC2004B	Install and maintain roadside fixtures	E
BCCRC2005B	Install utility poles	E
BCCRC2006B	Install pre-cast concrete crash barriers	E
BCCRC2007B	Install noise barriers	E
BCCRC2008B	Lay pipes	E
BCCRC2009B	Lay reinforced concrete box culverts	E
BCCRC3001B	Maintain drainage systems	E
BCCRC3002B	Place and form concrete kerb, channel and fixtures	E

BCCRC3003B	Lay pavers	E
BCCRC3004B	Maintain sealed roads	E
BCCRC3005B	Conduct road construction paver screeding operations	E
BCCRC3006B	Conduct earthworks	E
BCCRC3007B	Conduct road pavement construction	E
BCCBS2002B	Hand spread asphalt	E
BCCBS2003B	Safely handle bituminous materials	E
BCCBS3001B	Conduct profile planer operations	E
BCCPO3019B	Conduct stabiliser operations	E
BCCPL3002B	Install stormwater systems	E
BCCPL3004B	Install pre-cast gully pits	E
BCCPL3005B	Install pre-cast access chambers	E
BCGCM2007B	Use explosive power tools	E
BCGCM2008B	Erect and dismantle restricted height scaffolding	E
BCGCM3001B	Operate elevated work platforms	E
BCGCM3002B	Operate a truck mounted loading crane	E
BCGSF2003B	Cut and bend materials using Oxy-LPG equipment	E
BCGSF2004B	Place and fix reinforcement materials	E
FPIFGM069A	Trim and cross cut felled trees	E
FPIFGM111A	Fall trees manually – intermediate	E
TDTD1097B	Operate a forklift	E
TDTD1197B	Conduct specialised forklift operations	E

THTGTM02A	Carry out grounds maintenance	E
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Note: 1. Status. The status of each unit of competency is designated as either C being core or mandatory or E being elective.

Assessments Only

(Must have had previous experience & be able to provide checkable references)

*Courses not included in this list are all POA.
Some courses in this list are mention several times.*

All Down to Earth Certification is Lifetime Certification, therefore not necessary to be renewed annually or bi-annually. Refresher courses are however suggested on a 6-12 monthly basis on operators that do not operate a machine on a regular basis. Course

Course “51466 Course in safety Awareness Training”, Basic Worksite Traffic Management & Traffic Control (Main Roads Approved) are not a lifetime Certification & is renewable on a tri-annual basis

Courses apart from machine operator are available upon application, time must be allowed for research of relevant material.

Special Courses are available ie: Special Circumstance Operators, Additional Time Required on Courses.

Down to Earth Training & Assessing gladly services country areas. Travel & Accommodation costs will be added to normal course fees

*** Course prices are subject to change***

GST is not included in prices.

Please contact Kim Brunswick for a Current Pricing Schedule