

Title	Undertake a Stage 3 BCATS project		
Level	3	Credits	12

Purpose	<p>This unit standard has been designed to be achieved within a building, construction and allied trades skills (BCATS) programme.</p> <p>A person credited with this unit standard is able to prepare for and undertake a Stage 3 BCATS project and compare the final outcome against project requirements.</p>
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Classification	Construction Trades > Building, Construction, and Allied Trades Skills
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Available grade	Achieved
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Guidance Information

1 Definitions

BCATS environment means any workplace or context where work or activities related to the building, construction and allied trades sector take place, such as school workshops, training establishments, outdoor areas, and industry placement workplaces.

BCATS project documentation refers to information and instructions (oral, written, graphic) that detail the parameters of and planning for a BCATS project. The BCATS project documentation may include such things as project briefs, project plans, working drawings, specifications, and quality control procedures, but this will vary depending on the particular BCATS environment and BCATS project.

Industry placement refers to a student being placed with an organisation to gain experience of what it is like to work within a sector of the building and construction industry.

Specifications refers to documented instructions (oral, written, graphic) such as: manufacturer's specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.

Stage 3 BCATS project means a project undertaken in a BCATS environment under limited supervision, using a broad range of tools, equipment, machinery and materials, and involving a range of standard processes.

Workplace practice refers to the documented procedures specific to a BCATS environment, which cover the standard and required practices of that environment.

- 2 Candidates are required to undertake a Stage 3 BCATS project as evidence for assessment against this unit standard. The size and scale of the Stage 3 BCATS project will depend on the industry, environment and circumstances within which it occurs; a project undertaken solely within the school's/provider's workshop would be different from one undertaken during industry placements. Depending on these factors, 'undertake' could consist of building, constructing, installing, assembling, applying, or any other project activity appropriate to the trade(s) being learned or any combination of these activities.
- 3 The use of tools, equipment and machinery is restricted to the BCATS environment and does not equate to the level of commercial competence expected of trade practitioners.
- 4 Assessment against this unit standard may occur in a wide range of BCATS environments as listed above.
- 5 Health and Safety note for schools:
It is expected that teachers comply with *Safety in Technology Education: A Guidance Manual for New Zealand Schools*; Learning Media, Ministry of Education 2014, and any subsequent versions of this document.
- 6 Legislation relevant to this unit standard includes but is not limited to:
Health and Safety at Work Act 2015.
Health and Safety at Work Regulations 2016.

Outcomes and performance criteria

Outcome 1

Prepare to undertake a Stage 3 BCATS project.

Performance criteria

- 1.1 Material and equipment requirements are identified from BCATS project documentation.
- 1.2 Work area and required materials, tools, equipment and machinery are set up to meet the project requirements in accordance with BCATS project documentation and workplace practice.

Outcome 2

Undertake a Stage 3 BCATS project.

Performance criteria

- 2.1 Materials, tools, equipment and machinery are used to meet the project requirements in accordance with BCATS project documentation and workplace practice.

- 2.2 Each stage of the production process is undertaken in accordance with BCATS project documentation.
- 2.3 Any amendments to the project are recorded in project documentation in accordance with workplace practice.
- 2.4 Identified quality control procedures are implemented during the production process in accordance with workplace practice.

Outcome 3

Compare a Stage 3 BCATS project outcome against project requirements.

Performance criteria

- 3.1 Project outcome is checked and measured against project requirements.
- 3.2 Any variances between the project outcome and the project requirements are identified.
- 3.3 Any remedial actions required are identified.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 October 2016	N/A
Rollover	2	29 September 2022	N/A

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.