

**Curriculum Goals:**

To provide the student with the opportunity to experience the work of a carpenter to assist them in making an informed decision for further study and/or employment. This course is practical and experiential. The student will be given the opportunity to learn through engaging in realistic and authentic tasks. In addition, the student will get the opportunity to build a structure as their practical project in a group-working environment.

**Vocational Pathway:** Construction and Infrastructure

**Learner Goals and Outcomes:** On completion of this course, the student will be able to:

1. Demonstrate knowledge of lines and symbols, and drawing and sketching methods required for BCATS projects, establish job requirements and create sketches, and convert sketches to instrumental drawings for BCATS projects.
2. Demonstrate knowledge of types and structure of timber, common defects in timber, conversion, treatment, handling and storage of timber, and other construction materials used in BCATS projects.
3. Calculate quantities and prepare an order, set out and construct a non-consent timber framed utility building, and complete work operations.

Unit No	Title	Level	Credits	Version	SR/R
24353	Demonstrate knowledge of and create sketches and drawings for BCATS projects	2	6	2	SR
24360	Demonstrate knowledge of timber and other construction materials used in BCATS projects	2	5	3	SR
12936	Construct a non-consent timber framed utility building as a BCATS project	2	8	4	SR
	<b>Total DAS Credits</b>		<b>19</b>		

**Vocational Pathways:** SR = Sector Related; R = Recommended

To receive a Vocational Pathways Award, students must gain NCEA Level 2. Within the 80 credits required to achieve NCEA Level 2, 60 of these Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from sector related standards.

**Methods of Assessment:** Four forms of assessment will be used:

1. Written assignments/sketches
2. Simulated practical test
3. Practical demonstration
4. Group project – Construct a non-consent utility building