

Survey: Define fundamental skills for the construction industry

Waihangara Ara Rau is developing brand-new set of construction skill standards to support flexible pathways into and through the construction sector.

Phase one of this project is centred on fundamental construction skills. The skill standards developed in this phase will be applicable across the construction industry, enhance transferability within the sector, and provide greater training opportunities for smaller trades.

We have outlined fundamental skills that are shared across construction trades and an indicative list of skills and knowledge for each level of the skills standards.

Please read through the information below and provide your feedback on page 3. Email completed form to qualifications@waihangaararau.nz

Contact details

Name

Company

Email address

Fundamental construction trade skills

Tools	<ul style="list-style-type: none"> understanding and using hand and power tools, setting up and using equipment
Legislation incl. Health & Safety	<ul style="list-style-type: none"> understanding regulations, codes, standards onsite safety procedures, identifying hazards, hazardous substances
Calculations	<ul style="list-style-type: none"> measurement and calculating
Plan and specifications	<ul style="list-style-type: none"> reading and understanding plans, creating material and order lists
Trade skills	<ul style="list-style-type: none"> communication, working with other trades, professional standards required onsite
Planning and preparation	<ul style="list-style-type: none"> site establishment and checks
Materials	<ul style="list-style-type: none"> handling materials on site, storing, lifting and moving materials. Receiving material deliveries

Indicative list of skills and knowledge

Level 2 – Introductory industry skills and a focus on health and safety requirements for construction trades.

Level 3 – Developing competence with common trade skills to industry standards and working under limited supervision.

Level 4 – Applying a range of trade skills to industry standards and to meet the demands of the workplace.

Topic	Level 2 Introduction	Level 3 Under supervision	Level 4 Industry standard
Tools	Intro to hand and power tools	Using hand and power tools	Construction equipment
Legislation incl. Health & Safety	Intro to worksite safety	Safe working practices and procedures	Regulations
		Hazardous substances	
Calculations	Intro to plans and calculations	Measure and calculate	
Plans and specifications			Construction plans and specifications
Trade skills	Worksite communication	Work with others on site	Coordinate work with other trades
			Professional standards
Planning and preparation			Preparation and planning
Materials		Handling materials	

Are there any additional fundamental topics that you think would be used across different trades?

Do any of these topics not align with your trade practice?

If you have any questions or require further info, please contact qualifications@waihangaararau.nz