2023 Arataki mahi ā-rehe mō ngā kaiako

Teacher's guide to our trades

Guide your ākonga (students) into a trade career

Competenz | Te Pūkenga

Ngā ihirangi

Contents

This guide provides the information you need to get your ākonga (learners) started in our trades.

For more information contact:
schools@competenz.org.nz
competenz.org.nz/contact-us

Ko wai mātou

About us

Competenz is a division of Te Pūkenga. We help Kiwi industry grow skills, careers and businesses.

Competenz arranges training for apprenticeships and other on-the-job qualifications, supporting employers, job seekers and people with jobs in our industries. We work with more than 3,500 companies and 12,000 ākonga (learners) in 37 industries around New Zealand each year to build skills, careers and businesses. To do this, we partner with employers, apprentices, schools, training providers and assessors across the country.

Our relationship with learners starts at school. We provide support to teachers and career advisors to help give ākonga a feel for on-the-job training and specific careers in New Zealand's trades and services.

We also make industry unit standards available to schools. Our dedicated Career Development team works alongside teachers, ākonga and employers to guide and assist ākonga into a career in the trades.

Competenz provides

- Resources for a range of unit standards including: access to assessment guides, model answers, workbooks and teachers guides at competenz.org.nz/schools/resources
- Dedicated career advisors
- Event support (e.g. careers days, expos, information sessions)
- Work experience and job placement opportunities.

What is a Workforce Development Council?

Workforce Development Councils (WDCs) focus on ensuring the curriculum of vocational education meets the needs of trade industries. They work closely alongside industries and employers in their sectors, including Māori industry and iwi businesses. WDCs also work and collaborate with each other, along with key education and government agencies, schools, and advocacy groups.

Work experience

Do you have ākonga who are interested in a trades career but who aren't sure which path to take or aren't ready to start working?

Competenz works with employers who are looking for apprentices and can help set up work experience and trials for ākonga. We want to make it easier for ākonga to get a feel for a career in the trades. They'll have a chance to check out factories, equipment and ask questions.

If you're interested in work experience or industry visits for your ākonga, please contact us for further information at schools@competenz.org.nz.

Please note Gateway is not available for 2023.

Jobs are available

Competenz offers a recruitment service matching potential apprentices and trainees with job opportunities across 37 industries. We have connections with over 3,500 employers across the country.

Your ākonga can find their new trades career on our job board at competenz.org.nz/job-listings.

Fees Free training

School leavers, first-time tertiary learners, or learners whose first tertiary education was covered by the Targeted Training and Apprenticeship Fund (TTAF) who are enrolling in a training programme with Competenz may be able to get up to $12,000 of their fees covered for the first two years of their training.

You can obtain more information about Fees Free on the Tertiary Education Commission (TEC) website: tec.govt.nz

All learners need to do is check their eligibility using their National Student Number (NSN) at feesfree.govt.nz. If they are eligible, Tertiary Education Organisations like Competenz will arrange the payment with the TEC. It's that easy!

Advice for ākonga considering an apprenticeship

The right subjects and the right attitude will give your ākonga the best chance of success.

If your student would like to start an apprenticeship after secondary school, there are some subjects that teach valuable skills for apprenticeship training. These include maths, english, science, workshop and design technology, physics, graphics, chemistry, or NCEA level 1 and level 2 engineering unit standards. Although these are useful, they are not a must. Most employers hire for the right attitude first.

You can also encourage your ākonga to try work experience across different industries. Some employers say it can take as little as a day to rule out or confirm the right pathway. Successful completion of an apprenticeship is usually attributed to someone who has had some experience in the industry, so they know, with more confidence, what they want to do.

If you or your student cannot make those connections with your existing networks, Competenz is happy to reach out on your behalf.

How an apprenticeship works

Step 1. Find a job

To enter an apprenticeship or traineeship, learners need to be employed. We can help with this. Check out our job board: competenz.org.nz/job-listings

Step 2. Get agreement from the employer to begin an apprenticeship

Learners need the ongoing support of their employer to enter into an apprenticeship or traineeship.

Step 3. Sign a training agreement

When learners have a job and are ready to start an apprenticeship or traineeship, they formalise their commitment by signing a training agreement with their employer and Competenz.

Step 4. Get qualified

An apprenticeship usually takes three to four years to complete. When finished, learners have an internationally recognised qualification and no student loan debt.

Find out more:
competenz.org.nz

Case study

Setting the pace for women in engineering

Apprentice Jadzia Pyne is halfway through her Fitting and Machining Engineering apprenticeship and thinks she has the best job. As part of the team of 11 at the University of Auckland's Technical Services Workshop, every day is different.

The workshop makes, modifies, and repairs equipment used in research and teaching throughout the University.

It was the wide range of work that Jadzia found appealing, and it helped make her decision to commit to an apprenticeship and pursue a career in engineering.

"All the jobs are interesting, and I get to use lots of different mediums, not just metal or plastic. We have 3D printers and laser cutters. I enjoy doing everything, but particularly the mill and lathe work."

Jadzia attended Waitakere College in West Auckland. In year nine she chose to try engineering and enjoyed it so much she continued with it, joining the college engineering academy in year 12. Once immersed in the academy, Jadzia knew she was in the right place – even though she was the only girl in her class.

"The teachers were hugely supportive of my choice. I remember my engineering teacher saying that women make great engineers because they are meticulous, detail orientated and focussed."

Through the college's engineering academy programme, Jadzia undertook a welding and fabrication Gateway course at Unitec, her placement was at the University's workshop for 12 weeks. Workshop Manager Steve Warrington was impressed by Jadzia's ability and attitude, offering her permanent employment and a fitting and machining apprenticeship at the end of her Gateway placement.

"One of the challenges we face is finding young people who want to learn and want to commit to an apprenticeship. We put a significant investment into it so we want someone who will give us commitment and see it through" explains Steve.

"I have had a relationship with Waitakere College for over eight years now and I'm really impressed with how they promote the trades. We have another Gateway student on placement with us now, but Jadzia is the first female we have employed through it. I would encourage other female ākonga to try out the trades."

Jadzia wants to encourage more females to enter the trades.

"Don't get put off by the fact that you don't see many women in the trades. You are not disadvantaged as a woman. Just find out what you want to do and go for it."

Help your learner find the right match: competenz.org.nz/jobseekers/finding-a-job

Paerewa ahumahi

Industry unit standards

Vocational pathways

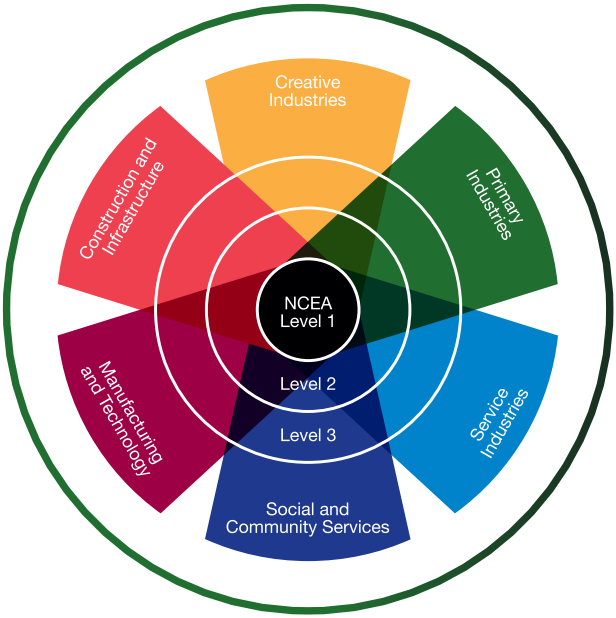
Vocational pathways provide ways to achieve NCEA levels 1, 2 and 3 and develop pathways that progress to further study, training and employment.

Vocational pathways are a framework for ākonga to show how their learning and achievement is valued in the workplace and by aligning learning to skills needed by industry. Each has been colour-coded to help ākonga and teachers plan study programmes.

Key

Recommended standards

Sector-related standards



Recommended (R) standards are assessment standards that support a strong foundational curriculum and have a close connection to the knowledge, skills and outcomes valued by industries and employers within each pathway.

Sector related (SR) standards are assessment standards within each pathway that are specific to, or drawn from a particular employment sector. They can be assessed at secondary school, a trades academy, a tertiary education organisation or in the initial period of employment.

The units listed in this guide are aligned to vocational pathways recommended by the Ministry of Education and the relevant Standard Setting Body (SSB). Visit youthguarantee.education.govt.nz for more details.

Resources (Assessment Guides, Model Answers Workbooks) are available to purchase from competenz.org.nz/schools.

Kākahu

Apparel

Apparel involves the design, production and sale of garments, including womenswear, menswear, childrenswear and accessories.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]
1540	●	2	3	Apparel cutting and sewing	Set up, adjust and operate a domestic lockstitch sewing machine.	✓	✓
2846	●	2	3	Apparel cutting and sewing	Demonstrate knowledge of industrial apparel cutting and sewing.		
4838	●	2	3	Apparel cutting and sewing	Demonstrate knowledge of clothing materials in the clothing industry.		
5302	●	2	3	Apparel cutting and sewing	Cut single-ply material by shears in the clothing industry.		
5305	●	2	9	Apparel cutting and sewing	Lay-up fabrics by hand in the clothing industry.		
17822	●	2	6	Apparel cutting and sewing	Make a single size marker for plain fabric by hand under supervision, lay markers and explain cutting methods.		
17915	▲	2	6	Apparel and textile manufacturing – workplace skills	Demonstrate knowledge of safe working practices in the apparel or textile industry.	✓	✓
20342	▲	2	7	Apparel cutting and sewing	Thread and operate an industrial lockstitch sewing machine in a learning environment.	✓	✓
20343	●	2	5	Apparel cutting and sewing	Thread and operate an industrial overlock sewing machine in a learning environment.		
23843	●	2	6	Apparel cutting and sewing	Demonstrate knowledge of production stages for an apparel manufacturing company.		
25240	●	2	3	Apparel cutting and sewing	Demonstrate knowledge of the factors that influence the cost of a garment.	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.

Kākahu / Apparel

The following unit standards are only available after successful application to Hanga-Aro-Rau and NZQA for Consent to assess.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]
2626	N/A	3	3	Apparel cutting and sewing	Hand press a garment.		
2832	N/A	3	3	Apparel design and patternmaking	Measure people for outerwear fitment.		
2834	N/A	3	6	Apparel cutting and sewing	Demonstrate knowledge of garment construction in a learning environment.		
2835	N/A	3	6	Apparel design and patternmaking	Construct pattern blocks for children's clothing.	✓	✓
2839	N/A	3	3	Apparel design and patternmaking	Grade patterns for adults' trousers and skirts.		
2847	N/A	3	3	Apparel cutting and sewing	Demonstrate knowledge of clothing production, finishing and storage systems.		
13387	N/A	3	6	Apparel design and patternmaking	Construct pattern blocks for women's outerwear.		
13388	N/A	3	6	Apparel design and patternmaking	Construct pattern blocks for men's outerwear.		
17817	N/A	3	6	Apparel cutting and sewing	Assemble and sew a complete garment from cut components.	✓	✓
17818	N/A	3	3	Apparel cutting and sewing	Sew collars on garments.	✓	✓
17819	N/A	3	3	Apparel cutting and sewing	Sew pockets in garments.		
17820	N/A	3	3	Apparel cutting and sewing	Sew sleeves in garments.	✓	✓
17821	N/A	3	3	Apparel cutting and sewing	Sew zips in garments.		

[1] Assessment guide resource available.
[2] Model answers resource available.

Kia whai pūkenga hei ōranga mōu

Get skills for life.

Order your kōrero guide for your ākonga today at
competenz.org.nz/jobseekers/trades-guide

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Taka kai

Baking

Baking involves the preparation and sale of baked goods, including cakes, biscuits, bread and pastries.

The following unit standards are only available after successful application to Hanga-Aro-Rau and NZQA for Consent to assess.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]
7755	●	2	2	Food processing - health and safety	Apply safe working practices in the food or related product processing workplace.		
9955	▲	2	2	Baking	Thaw and prove frozen doughs.	✓	✓
14708	▲	2	8	Baking	Retard products for batch baking.	✓	✓
14709	▲	2	4	Baking	Freeze products for batch baking.	✓	✓
14721	▲	2	6	Baking	Prepare and apply icings and glazes to bakery products using manual production methods.	✓	✓
14722	▲	2	6	Baking	Prepare to, and decorate bakery products using manual production methods.	✓	✓
14723	▲	2	6	Baking	Prepare and apply toppings to bakery products using manual production methods.	✓	✓
14724	▲	2	6	Baking	Prepare and apply fillings to bakery products using manual production methods.	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.

Pūkaha

Engineering

Engineering is a branch of science and technology that involves the design, construction and use of engines, machines and structures.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
4433	▲	1	2	Engineering measurement	Select, use, and care for simple measuring devices used in engineering.	✓	✓	✓
22923	▲	1	12	Mechanical engineering technology	Demonstrate basic engineering workshop skills under close supervision	✓	✓	✓
22924	▲	1	10	Mechanical engineering technology	Develop a simple product using engineering materials	✓	✓	✓
22926	▲	1	2	Mechanical engineering technology	Demonstrate knowledge of safety procedures in a specific engineering workshop	✓	✓	✓
11661	▲	2	3	Engineer machining and toolmaking	Perform engineering drilling operations using a pedestal type drilling machine	✓	✓	
21907	▲	2	2	Welding	Demonstrate and apply knowledge of safe welding principles and quality assurance under supervision	✓	✓	✓
21911	▲	2	2	Engineering core skills	Demonstrate knowledge of safety on engineering worksites.	✓	✓	
2387	▲	2	2	Engineering measurement	Assemble mechanical components under supervision	✓	✓	
2395	▲	2	4	Engineering core skills	Select, use and care for engineering hand tools	✓	✓	✓
2396	▲	2	4	Engineering core skills	Select, use and maintain portable hand held engineering power tools.	✓	✓	✓
2414	▲	2	15	Engineering - fabrication	Lay out and mark off regular fabrication shapes under supervision	✓	✓	
2416	▲	2	10	Engineering - fabrication	Assemble and mechanically join plate and sheet under supervision	✓	✓	
2417	▲	2	8	Engineering - fabrication	Mechanically cut fabrication materials under supervision	✓	✓	
2431	▲	2	8	Engineering drawing and design	Manually produce and interpret simple engineering component drawings under supervision	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

Pūkaha / Engineering

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
2433	▲	2	6	Engineering drawing and design	Produce engineering component drawings using CAD software	✓	✓	✓
29397	▲	2	2	Engineering core skills	Demonstrate knowledge of basic trade calculations and units of measure for mechanical engineering trades	✓	✓	
29398	▲	2	2	Engineering core skills	Apply knowledge of basic trade calculations for mechanical engineering trades	✓	✓	
29549	▲	2	2	Engineering materials	Demonstrate basic knowledge of the mechanical properties and selection of engineering materials	✓	✓	
29550	▲	2	2	Engineering materials	Demonstrate basic knowledge of common engineering metals	✓	✓	
29650	▲	2	2	Engineering core skills	Demonstrate knowledge of the safe use of powered equipment in a mechanical engineering or fabrication workshop	✓	✓	
29651	▲	2	2	Engineering core skills	Demonstrate knowledge of health and safety when welding and thermal cutting	✓	✓	
29654	▲	2	3	Engineering drawing and design	Demonstrate knowledge of and interpret mechanical engineering drawings and geometric tolerancing	✓	✓	
29655	▲	2	3	Engineering drawing and design	Manually produce engineering sketches	✓	✓	
29560	▲	2	2	Engineering core skills	Demonstrate knowledge of efficient and effective workplace procedures in mechanical engineering or fabrication	✓	✓	
29670	▲	2	3	Engineering - fabrication	Demonstrate knowledge of fabrication machinery, materials, and processes	✓	✓	

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

All schools have base scope to assess Level 2 Engineering and Manufacturing Pathway Skills Level 2 and 3. Please check NZQA for details.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
29671	▲	2	3	Engineering core skills	Demonstrate knowledge of machining equipment, tools, and principles	✓	✓	
29672	▲	2	3	Engineering core skills	Assemble fabricated components using mechanical connections	✓	✓	
29676	▲	2	3	Engineering core skills	Demonstrate and apply knowledge of good work practices when servicing simple components under supervision	✓	✓	
29673	▲	2	6	Engineering core skills	Apply good work practices when performing basic mechanical engineering machining operations under supervision	✓	✓	
29674	▲	2	3	Engineering core skills	Demonstrate knowledge of fasteners used in mechanical engineering.	✓	✓	
29675	▲	2	2	Engineering core skills	Demonstrate knowledge of safety when lifting loads in engineering installation, maintenance, and fabrication work	✓	✓	
29730	▲	2	6	Engineering - fabrication	Apply good work practices when performing basic fabrication operations under supervision	✓	✓	
30276	▲	2	4	Eng. Machining and toolmaking	Demonstrate and apply knowledge of programming and operating CNC lathes and machining centres	✓	✓	
30473	▲	2	4	Engineering - fabrication	Demonstrate and apply knowledge of computerised manufacturing for engineering fabrication	✓	✓	
32051	▲	2	4	Manufacturing pathway skills (maps)	DKO of mechanical engineering drawings and geometric construction	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

Pūkaha / Engineering

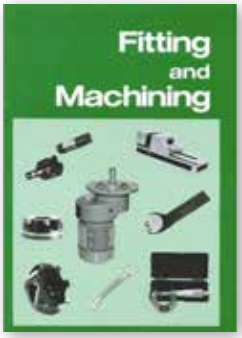
Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
32053	▲	2	7	Manufacturing pathway skills (maps)	Apply good work practices when performing machining operations	✓	✓	✓
32055	▲	2	7	Manufacturing pathway skills (maps)	Apply good work practices when performing simple fabrication operations	✓	✓	✓
4438*	▲	3	2	Engineering measurement	Demonstrate knowledge of fits, limits, and tolerances in engineering	✓	✓	
19873*	▲	3	5	Maintenance and Diagnostics in Mechanical Engineering	Demonstrate knowledge of bearings used in machines and equipment	✓	✓	
20802*	▲	3	6	Engineering drawing and design	Produce detailed two-dimensional engineering drawings using CAD software under supervision	✓	✓	
22899*	▲	3	6	Engineering core skills	Demonstrate knowledge of mechanical power transmission	✓	✓	
2436*	▲	3	5	Engineering drawing and design	Create three-dimensional engineering models using CAD software under supervision	✓	✓	
25704*	▲	3	5	Engineering - fabrication	Develop fabrication patterns manually for simple three-dimensional objects	✓	✓	
29399*	▲	3	4	Engineering core skills	Demonstrate and apply knowledge of trade calculations to solve problems for mechanical engineering trades	✓	✓	
29551*	▲	3	3	Engineering materials	Demonstrate knowledge of the strength, mechanical properties, and treatment of engineering metals	✓	✓	

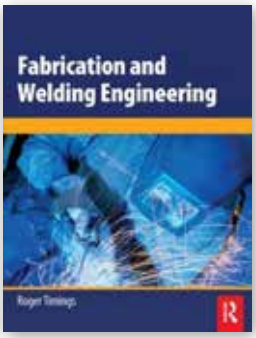
[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.
* Requires consent to assess from Hanga Ara Rau.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
29561*	▲	3	3	Engineering core skills	Demonstrate knowledge of efficient and effective processes in mechanical engineering or fabrication	✓	✓	
29652*	▲	3	3	Engineering core skills	Demonstrate knowledge of safety, health, risk assessment, and hazard ID and control on an engineering worksite	✓	✓	
29653*	▲	3	3	Engineering drawing and design	Manually produce third angle orthographic drawings of simple engineering objects incorporating plane geometric shapes	✓	✓	
32052	▲	3	4	Manufacturing Pathway Skills (MaPS)	Produce development drawings and patterns for three-dimensional objects	✓	✓	✓
32054	▲	3	7	Manufacturing Pathway Skills (MaPS)	Produce components by performing engineering machining operations	✓	✓	✓
32056	▲	3	7	Manufacturing Pathway Skills (MaPS)	Perform fabrication operations	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.
* Requires consent to assess from Hanga Ara Rau.

Textbook recommendations





Mahinga ngahere

Forestry

Forestry involves the art and science of planting, managing and harvesting forests.

The following unit standards are only available after successful application to Muka Tangata and NZQA for Consent to assess.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
1227	●	2	5	Forestry knowledge	Demonstrate knowledge of plantation forest harvesting	✓	✓	✓
6916	●	2	5	Forest operations	Demonstrate knowledge of the rules relating to chainsaw use	✓	✓	✓
6917	●	2	8	Non-commercial forestry skills	Demonstrate basic chainsaw operation	✓	✓	✓
17769	●	2	5	Forest foundation skills	Demonstrate knowledge of general health, safety, and environmental requirements in forestry	✓	✓	✓
22995	N/A	2	5	Forest foundation skills	Demonstrate knowledge of employment in a forestry operation	✓	✓	✓
22997	●	2	5	Forest foundation skills	Demonstrate knowledge of principles of commercial forestry	✓	✓	✓
22998	●	2	10	Forest foundation skills	Demonstrate knowledge of pruning plantation trees and prune plantation trees under supervision	✓	✓	✓
22999	●	2	10	Forest foundation skills	Demonstrate knowledge of landing operations, hazards, and log making, and process logs on a landing under supervision	✓	✓	✓
23000	●	2	10	Forest foundation skills	Demonstrate knowledge of plantation forest establishment operations and perform an establishment task under supervision	✓	✓	✓
23001	●	2	10	Forest foundation skills	Demonstrate knowledge of log extraction methods and breaking out, and attach logs under supervision	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.

Mahinga ngahere / Forestry

The following unit standards are only available after successful application to Muka Tangata and NZQA for Consent to assess.

Unit*	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
1221	N/A	3	5	Forest operations	Explain and interpret job prescriptions for forestry operations	✓	✓	✓
1234	N/A	3	8	Forest establishment	Plant plantation trees	✓	✓	✓
1252	N/A	3	5	Forest landing operations	Demonstrate knowledge of log making	✓	✓	✓
1256	N/A	3	5	Forestry - breaking out	Demonstrated knowledge of ground-based log extraction	✓	✓	✓
6950	N/A	3	5	Forest silviculture operations	Demonstrate knowledge of thinning plantation trees and equipment used	✓	✓	✓
17763	N/A	3	5	Tree felling	Demonstrate knowledge of tree felling	✓	✓	✓
17772	N/A	3	5	Forest operations	Demonstrate knowledge of environmental requirements in forestry operations	✓	✓	✓
22994	N/A	3	10	Forest foundation skills	Demonstrate knowledge of factors that affect the performance of forestry workers	✓	✓	✓
24575	N/A	3	5	Forest operations	Demonstrate knowledge of factors that affect the quality of commercial forestry operations	✓	✓	✓
24579	N/A	3	5	Forest operations	Demonstrate knowledge of incident response in plantation forests	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

For more information about this industry, including available unit standards, please contact our Career Development team at schools@competenz.org.nz.

Getting ready for a trade career

We have the tools to help your ākonga get started.

Start today at
competenz.org.nz/jobseekers/getting-work-ready

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Ngā rawa

Furniture

Furniture involves the design, production and sale of moveable articles in a room or establishment to make it fit for living or working.

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
2216	▲	2	2	Furniture making	Recognise and confirm furniture job specifications.	✓	✓	✓
2199	▲	2	4	Furniture making	Use and maintain hand tools for furniture making.	✓	✓	✓
2220	▲	2	4	Furniture making	Set and operate a single boring machine to bore holes in furniture components.	✓	✓	✓
9785	▲	2	4	Furniture making	Set and operate a flat-bed sander to sand wooden furniture components.	✓	✓	✓
9786	▲	2	2	Furniture making	Set and operate a sanding machine to sand shaped furniture components.	✓	✓	✓
14995	▲	2	2	Furniture making	Construct freehand drawings for use in furniture making.	✓	✓	✓
16230	▲	2	2	Furniture making	Demonstrate knowledge of and use of adhesives in furniture making.	✓	✓	✓
16231	▲	2	3	Furniture making	Calculate lengths, areas and costs, and percentages of waste for furniture making.	✓	✓	✓
16232	▲	2	4	Furniture making	Use portable power tools for furniture making.	✓	✓	✓
16235	▲	2	4	Furniture operations	Demonstrate knowledge of manufactured boards used in furniture operations.	✓	✓	✓
18909	▲	2	2	Furniture making	Set and operate a basic planning machine to produce simple wooden furniture components.	✓	✓	✓
18915	▲	2	3	Furniture making	Use fixing hardware in furniture making.	✓	✓	✓
18917	▲	2	3	Furniture making	Construct hand joints for furniture.	✓	✓	✓
18918	▲	2	6	Furniture making	Construct a furniture carcase.	✓	✓	✓
20047	▲	2	4	Furniture making	Hand-turn wood to produce furniture making articles.	✓	✓	✓
25536	▲	2	3	Furniture making	Operate a bandsaw to produce furniture components.	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

Ngā rawa / Furniture

Unit	VP	Level	Credits	Domain	Title	AG[1]	MA[2]	WK[3]
25550	▲	2	3	Furniture making	Operate a straight cutting saw to cut square profiled furniture components.	✓	✓	✓
25551	▲	2	2	Furniture making	Operate a dimension saw to produce square profiled furniture components.	✓	✓	✓
25569	▲	2	6	Furniture operations	Demonstrate knowledge of timber types and insect attack in furniture operations.	✓	✓	✓
25570	▲	2	4	Furniture operations	Demonstrate knowledge of abrasives used in furniture production.	✓	✓	✓
25667	▲	2	2	Furniture operations	Plan own career path within the furniture manufacturing industry.			

The following unit standards are only available after successful application to Hanga-Aro-Rau and NZQA for Consent to assess

9792	N/A	3	2	Furniture making	Operate a dovetailing machine to dovetail wooden drawers.	✓	✓	✓
14996	N/A	3	6	Furniture making	Construct working drawings for use in furniture making.	✓	✓	✓
14997	N/A	3	6	Furniture making	Construct perspective drawings for use in furniture making.	✓	✓	✓
14998	N/A	3	4	Furniture making	Construct isometric and oblique drawings for use in furniture making.	✓	✓	✓
25557	N/A	3	4	Furniture making	Assemble and fit traditional drawers to a cabinet using wooden runners.	✓	✓	
25559	N/A	3	4	Furniture making	Assemble solid wood show wood shelving units.	✓	✓	
25562	N/A	3	3	Furniture making	Fit doors to cabinet using adjustable hinges.	✓	✓	
25572	N/A	3	6	Furniture operations	Demonstrate knowledge of hardware used in furniture making and its application.	✓	✓	✓

[1] Assessment guide resource available.
[2] Model answers resource available.
[3] Workbook resource available.

All secondary schools have base scope accreditation for level 2 furniture units.

Mahi, ako, riro!

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» Fire Protection Engineer
» Refrigeration and Air Conditioning Engineer
» Locksmith
» Toolmaker
» Maintenance Engineer
» Fitting and Machining Engineer
» Machining Engineer
» Mechanical Building Services
» Fabricator
» Dairy Systems Technician
» General Engineer

Food and Beverage
» Food and Beverage Manufacturing
» Plant Baking
» Cellar Operations
» Craft Baking

Forestry
» Harvesting
» Silviculture

Manufacturing
» Saw Doctor
» Furniture
» Pulp and Paper
» Wood Panels
» Plastics Operations
» Plastics Engineering
» Timber Machining
» Finger Jointer
» Sawmill Operating and Managing
» General Manufacturing

Print, Packaging and Signmaking
» Packaging
» Signmaking
» Print Designing and Operating
» Print Machine Operations
» Print Finishing

Textiles, Apparel and Laundry
» Apparel
» Laundry
» Textile Machine Setting
» Textile Technician
» Textile Dying and Finishing

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» Train Driving
» Marine Engineering
» Ships Officer
» Maritime Crew

Scan the code to find out more information on each of our industries.

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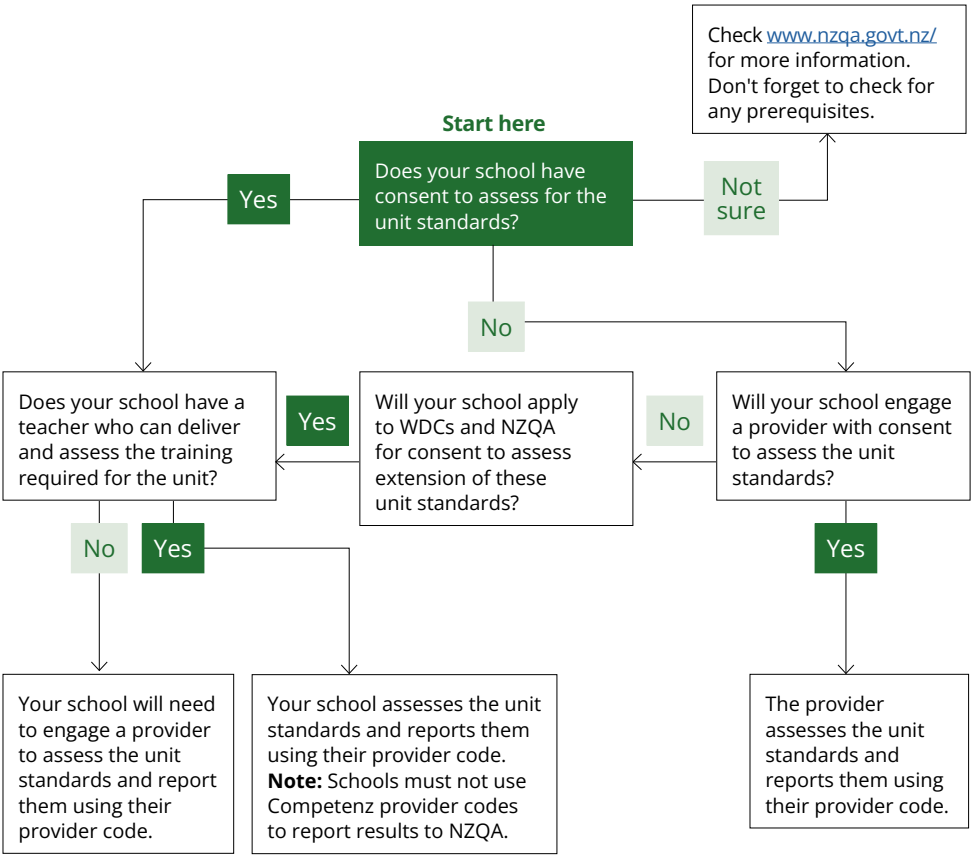
Te Pūkenga

“Skills are more valuable than money and the skills that I’m learning while doing my apprenticeship will stay with me forever.
I can take them with me overseas. It just opens up so many options.”

Paul Taurima
Engineering apprentice

Kounga ki taurangi

Quality assurance



Ngā pātai auau

Frequently asked questions

Consent to assess

How do I apply for consent to assess?

Schools must apply to NZQA for consent to assess and are unable to assess until they receive NZQA approval.

We recognise the merits of having diverse education sectors with a range of vocation pathways and delivery options that cater to varying learner needs.

Schools can apply to corresponding Workforce Development Councils (WDCs) for a letter of support to accompany their NZQA consent to assess application. Schools must also meet the Consent and Moderation Requirements (CMR) on the NZQA website for the letter of support to be approved.

While WDCs can support your application to NZQA for consent to assess, the final decision is made by NZQA.

How do I find out if our school has consent to assess to report certain unit standards to NZQA?

There are two ways to access details on whether a provider (including schools) has consent to assess for a particular unit standard.

You can search for your school on the NZQA website nzqa.govt.nz and click on 'these standards and groups of standards' under the consent to assess section.

Alternatively, go to nzqa.govt.nz/framework/search/index.do, enter the unit standard number and check whether your school appears under the relevant 'region' in the following section: 'View Education Organisations with Consent to Assess.'

Moderation

Moderation now sits with the Workforce Development Councils (WDCs).

Manufacturing, engineering and logistics industries now sit with Hanga-Aro-Rau (WDC). Please visit hangaarorau.nz for more information.

You can find information on all other industries and their corresponding WDCs at competenz.org.nz/workforce-development-councils.

Once I register on the Competenz schools website, how long does it take before I get my login and password?

You will receive a reply within five business days.

How do I know if we are using the right version of the unit standard?

If you are using Competenz materials, make sure you are using the latest materials available – please check our website.

If you are not using Competenz materials, be aware of new versions of unit standards. There can be significant changes between versions, and changes to your materials might be required. When changes are made to materials, they must be submitted to WDCs for pre-moderation.

For more information, including moderation and consent to assess pricing, please visit the Hanga-Aro-Rau website:

hangaarorau.nz

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