

Student Pathways



Government
of South Australia
Department for Education

VOCATIONAL EDUCATION AND TRAINING (VET)

Courses for school
enrolled students as
part of their senior
secondary program



2025



Student Pathways and Careers Acknowledgement and Reconciliation Commitment Statement

Student Pathways and Careers division acknowledges Aboriginal Australians as the first peoples of this Country, and their ancient wisdom and knowledge, gained from more than 60,000 years of connection to Country.

Together, we acknowledge the wisdom and cultural knowledge of Elders past and present.

We honour, embrace and celebrate Aboriginal cultures and history, and recognise this connection empowers Aboriginal young people to be proud and strong.

Together, we are committed to achieving equality through education that creates equity and the best opportunities for current and future Aboriginal generations to thrive and lead fulfilling lives.

We walk together in partnership on our journey of healing and reconciliation, embracing truth telling with respect, authenticity and integrity.

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About this information

This information is for school enrolled students who wish to engage in VET courses as part of their secondary program.

The following list of VET courses has been developed to ensure school students are able to access quality VET that is appropriate and suitable within a secondary school program of learning.

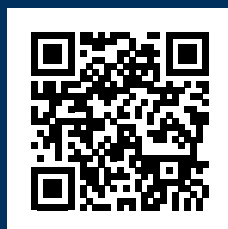
The VET courses have been endorsed by the South Australian Skills Commission as they are industry relevant and support skills development for the workplace.

Students can access industry endorsed VET for school students two ways, either through a Flexible Industry Program (FIP) or via Stackable VET (including employment industry licensing, skills clusters and skills sets). There are also a number of courses available through a training contract outside of the FIPs.

Unless an exemption has been approved by the Department for Education, the courses within this publication are the only VET courses that should be delivered to students enrolled in government schools as part of their secondary program. VET courses for school students are reviewed annually.

The information within this publication is correct as at August 30, 2024 4:21 PM.

Further information can be found at the Student Pathways Website



Endorsed by



**South
Australian
Skills**
COMMISSION

Vocational Education and Training (VET) for school students

Flexible Industry Programs (FIPs)

FIPs provide an industry-endorsed pathway to entry level employment, better preparing young people for real jobs, and providing a pipeline of young skilled workers for South Australia's growing industry sectors. FIPs aim to support students into school-based apprenticeships and traineeships.

Depending on the needs of employers, FIPs may include VET qualifications at Certificate II and III level that are appropriate for school students, employability skills training, and specific industry requirements for the pathway.

FIPs may include compulsory South Australian Certificate of Education (SACE) subjects and contextualised delivery of other school subjects so that students can complete both a VET qualification and their SACE concurrently as part of their senior secondary program.

Stackable VET

Stackable VET options are delivered within a school timetable. They can provide students with prevocational skills, work preparedness, and the opportunity to try out different areas before committing to a pathway, or provide advanced skills to support students to progress through their pathway. They can be stacked with multiple options for students to explore different areas while developing their skills for work.

Pre-vocational Qualifications

Pre-vocational qualifications are usually delivered in year 10. They help students explore areas of interest and the VET environment. Pre-vocational qualifications also develop language, literacy and numeracy skills relevant to the workplace and specific industries.

Students would generally complete pre-vocational qualifications before commencing a FIP and could use the experience as evidence towards their VET Readiness Orientation (VETRO) requirements.

Skills Clusters

Skills Clusters comprise a cluster of accredited units of competency aligned to the requirements of industry. They support students to develop competency and skills in a particular work area and can count towards a full qualification and include.

- Pre-employment industry licensing – for competencies that meet specific industry requirements (also available as a FIP)
- Introduction Skills Clusters – used in a similar way to pre-vocational qualifications to help students explore the pathway and VET environment. In addition, they may provide credit transfer in Certificate level II qualifications within the FIP.
- Advanced Skills Clusters – for students who have completed a VET qualification and wish to continue on their selected employment pathway (also available in a FIP)

Skill Sets

Skill sets are nationally accredited short courses leading to employment outcomes that can be completed on their own or as part of a FIP



Economic and labour market overview



3.8%
Economy
growth



75%
Employment
growth

In 2022-23, the South Australian economy grew by 3.8%, the highest increase of the states and higher than the national growth rate of 3.1%. Growth is projected to continue.

Trends in Industry Employment

Over the past decade in South Australia, industries with the highest employment growth include health care and social assistance (up by 57,600 employed people), professional, scientific, and technical services (up 25,700), public administration and safety (up 10,800), construction (up 9,900), and education and training (up 7,400).

Employment projections for the state are showing just three services industries will account for nearly 75% of employment growth in the five years to 2028. These include health care and social assistance, professional, scientific and technical services, and education and training.

Occupations in demand

Over the next five years, strong employment growth is projected for roles in health care including registered nurses and allied health professionals. Strong growth is also expected for specialist managers in areas like defence procurement, ICT managers, human resources, and construction managers, and for STEM occupations such as software programmers and civil engineers.

Qualifications needed

Over the five years to 2028 it is estimated that around 146,000 qualifications will need to be delivered to meet South Australia's demand for skills. This comprises 78,000 VET qualifications (53%) and 68,000 higher education qualifications (47%). Demand for VET qualifications represents over half of South Australia's total demand for qualifications.

Qualification level

There is strong demand for VET qualifications at the Certificate III level, followed by Certificate IV and Diploma. There is also a strong need for higher education qualifications at both the undergraduate and postgraduate levels.

Jobs and Skills Outlook 2024 - Department of State Development

South Australian sectors in focus



**Agriculture, forestry
and fishing**



Construction



**Defence and
manufacturing**



**Digital, technology
and cyber security**



**Education
and training**



Health and care



**Renewable energy
and hydrogen**



Resources





Agribusiness, Food and Wine / Beverages

Agribusiness, Food and Wine / Beverages

Includes the following industry sectors:

Agriculture and Rural Production

Activities related to farming, forestry, fisheries, and other rural enterprises. It involves the cultivation of crops, rearing of livestock, harvesting of timber, and management of natural resources in rural areas. This sector plays a vital role in providing food, fiber, and other essential resources to meet the needs of growing populations worldwide.

Animal Care and Management

Responsible stewardship, welfare, and utilisation of domestic and wild animals. It encompasses various activities such as animal husbandry, veterinary care, animal training, wildlife conservation, and pet services. This sector is essential for ensuring the health, well-being, and productivity of animals under human care, as well as for preserving biodiversity and ecosystems.

Conservation and Land Management

Dedicated to the protection, preservation, and sustainable use of natural resources and ecosystems. It encompasses a range of activities aimed at conserving biodiversity, restoring degraded habitats, and managing land and water resources. This sector plays a crucial role in maintaining ecosystem services, such as clean air and water, climate regulation, and soil fertility, which are essential for human well-being and livelihoods.

Food and Beverage Processing (including Wine)

The transformation of raw agricultural products into consumable food and beverage products. It involves various stages such as processing, packaging, and distribution to bring these products to consumers. This sector plays a critical role in adding value to agricultural produce, extending shelf life, enhancing food safety, and meeting consumer demands for convenience and variety. Key activities within this sector include milling, baking, canning, brewing, distilling, and bottling, among others.

Forestry

Management, conservation, and utilisation of forests and forest resources for economic, environmental, and social purposes. It encompasses activities such as timber harvesting, wood processing, reforestation, and forest conservation. Forestry plays a crucial role in providing wood and non-wood forest products, maintaining biodiversity, mitigating climate change through carbon sequestration, and supporting livelihoods for millions of people worldwide.

Horticulture

The cultivation, management, and marketing of fruits, vegetables, ornamental plants, and other crops with high commercial and aesthetic value. It encompasses a diverse range of activities, including greenhouse production, orchard management, landscaping, floriculture, and nursery operations. Horticulture plays a vital role in providing nutritious food, enhancing urban environments, and contributing to economic development and job creation. Key aspects of the horticulture sector include crop selection, irrigation management, pest and disease control, post-harvest handling, and marketing strategies tailored to consumer preferences.

Racing

A specialised branch of horse racing that focuses on races involving Thoroughbred horses. Thoroughbred racing is a popular and prestigious sport worldwide, known for its rich history, high-stakes competitions, and cultural significance. Races range from sprint distances to longer endurance events, with notable examples including flat racing, steeplechase, and hurdle races.

Seafood and Aquaculture

The farming, harvesting, processing, and distribution of aquatic organisms for human consumption, including fish, shellfish, and seaweeds. It encompasses a wide range of activities, from traditional fishing practices to modern aquaculture techniques. Seafood and aquaculture play a crucial role in global food security, providing a significant source of protein and essential nutrients for billions of people worldwide.

Flexible Industry Programs

For school students that want to pursue a career in Agribusiness, Food and Wine / Beverages, the following Flexible Industry Programs are available as part of the secondary education program

Agriculture



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	AHC20122 Certificate II in Agriculture AHC30122 Certificate III in Agriculture* AHC32822 Certificate III in Rural Operations	AHC20122 Certificate II in Agriculture AHC21216 Certificate II in Rural Operations AHC21316 Certificate II in Shearing
12		AHC21416 Certificate II in Wool Handling AHC30122 Certificate III in Agriculture* AHC30221 Certificate III in Dairy Production AHC30422 Certificate III in Pork Production AHC30522 Certificate III in Poultry Production AHC31818 Certificate III in Beekeeping AHC32422 Certificate III in Irrigation Technology AHC32822 Certificate III in Rural Operations AHC33016 Certificate III in Wool Clip Preparation AHC33116 Certificate III in Advanced Wool Handling AHC33316 Certificate III in Feedlot Operations AHC21119 Certificate II in Irrigation
	Conditions:	<p>* For institutional delivery of AHC30122 Certificate III in Agriculture: Students should commence this qualification in October of their year 10 so that students experience two harvests.</p> <p>The following units have been deemed unsuitable for school students and RTOs who hold a Head Agreement will not offer these units as part of any qualification delivered institutionally:</p> <ul style="list-style-type: none"> AHCCOM205 Recognise and respond to fire emergencies on a composting site AHCMOM201 Operate two wheel motorbikes AHCPMG304 Use firearms to humanely destroy animals.

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Animal Husbandry (Livestock)	AHC20122	Certificate II in Agriculture	AHCLSK202	Care for health and welfare of livestock	40	70
			AHCLSK205	Handle livestock using basic techniques	30	
Advanced Chemicals	AHC30122	Certificate III in Agriculture	AHCCHM307	Prepare and apply chemicals	70	140
			AHCPMG301	Control weeds	70	

Animal Care and Racing Industry



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	ACM20121 Certificate II in Animal Care RGR20221 Certificate II in Racing Industry	ACM20121 Certificate II in Animal Care ACM30122 Certificate III in Animal Care Services
12		ACM30321 Certificate III in Wildlife and Exhibited Animal Care RGR20221 Certificate II in Racing Industry RGR30218 Certificate III in Racing (Stablehand) RGR30518 Certificate III in Racing (Trackwork Rider) RGR30619 Certificate III in Horse Breeding

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Veterinary Nursing	ACM20121	Certificate II in Animal Care	ACMGEN204	Assist in health care of animals	40	80
			ACMGEN205	Source and provide information for animal care needs	40	
Advanced Animal Care 1	ACM30122	Certificate III in Animal Care Services	ACMBEH301	Identify behaviours and interact safely with animals	60	140
			ACMGEN304	Promote positive wellbeing in self and others in animal care workplaces	40	
			ACMGEN309	Provide basic animal first aid	40	
	More Information <ul style="list-style-type: none"> FIP alignment: Animal Care and Racing Industry 					
Advanced Animal Care 2	ACM30122	Certificate III in Animal Care Services	ACMGEN315	Communicate effectively with clients and team members	30	140
			ACMINF301	Comply with infection control policies and procedures in animal care work	60	
			ACMWHS301	Contribute to workplace health and safety processes	50	
	More Information <ul style="list-style-type: none"> FIP alignment: Animal Care and Racing Industry 					
Advanced Thoroughbred Racing Trackwork Rider	RGR30218	Certificate III in Racing (Stablehand)	RGRPSH201	Handle racehorses in stables and at trackwork	80	160
			RGRPSH205	Perform basic riding skills in the racing industry	80	
	More Information <ul style="list-style-type: none"> FIP alignment: Animal Care and Racing Industry 					

Aquaculture



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	SFI20119 Certificate II in Aquaculture	SFI20119 Certificate II in Aquaculture
12		SFI20319 Certificate II in Seafood Post Harvest Operations SFI30119 Certificate III in Aquaculture SFI30319 Certificate III in Seafood Post Harvest Operations SFI30419 Certificate III in Fisheries Compliance

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Aquaculture	SFI30119	Certificate III in Aquaculture	SFIAQU304	Maintain water quality and environmental monitoring	40	160
			SFIAQU315	Apply control measures for diseases	40	
			SFIBIO301	Identify and report signs of aquatic disease or pests	30	
			SFIBIO401	Apply aquaculture biosecurity measures	50	
	More Information <ul style="list-style-type: none"> FIP alignment: Aquaculture 					



Conservation and Land Management



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	AHC20422 Certificate II in Horticulture	AHC20422 Certificate II in Horticulture
12		AHC21020 Certificate II in Conservation and Ecosystem Management AHC30318 Certificate III in Rural and Environmental Pest Management AHC31421 Certificate III in Conservation and Ecosystem Management AHC31522 Certificate III in On Country Management

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Conservation and Ecosystem Management – Flora and Fauna	ACH21024	Certificate II in Conservation and Ecosystem Management	AHCFAU202	Recognise fauna	40	80
			AHCECR203	Perform basic ecological restoration works	40	

Food Processing



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	FBP20122 Certificate II in Food Processing	AMP20316 Certificate II in Meat Processing (Abattoirs)
12		AMP30216 Certificate III in Meat Processing (Food Services) AMP30421 Certificate III in Meat Processing (Rendering) AMP30516 Certificate III in Meat Processing (Slaughtering) AMP30622 Certificate III in Meat Processing AMP30815 Certificate III in Meat Processing (Retail Butcher) AMP31016 Certificate III in Meat Processing (Smallgoods - Manufacture) FBP30121 Certificate III in Food Processing FBP30321 Certificate III in Cake and Pastry FBP30421 Certificate III in Bread Baking FBP30521 Certificate III in Baking FBP31121 Certificate III in High Volume Baking MSL30122 Certificate III in Laboratory Skills AMP30322 Certificate III in Meat Safety Inspection FBP20521 Certificate II in Wine Industry Operations FBP30921 Certificate III in Wine Industry Operations FBP20122 Certificate II in Food Processing

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Viticulture and Wine Operations	FBP20521	Certificate II in Wine Industry Operations	AHCIRG221	Assist with pressurised irrigation operations	40	100
			AHCSOL203	Assist with soil or growing media sampling and testing	30	
			FBPOPR2095	Clean and sanitise equipment	30	
Introduction to Pastry	FBP10221	Certificate I in Baking	FBPRBK2001	Assist non laminated pastry production	70	70
Advanced Desserts	FBP30521	Certificate III in Baking	FBPRBK3002	Produce non laminate pastry products	80	160
			FBPRBK3008	Produce sponge cake products	80	
More Information <ul style="list-style-type: none"> FIP alignment: Food Processing 						
Advanced Pastry and Biscuit Making	FBP30521	Certificate III in Baking	FBPRBK3004	Produce meringue products	60	140
			FBPRBK3009	Produce biscuit and cookie products	80	
More Information <ul style="list-style-type: none"> FIP alignment: Food Processing 						

Horticulture



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	AHC20422 Certificate II in Horticulture	AHC20320 Certificate II in Production Horticulture
12		AHC20422 Certificate II in Horticulture AHC20621 Certificate II in Parks and Gardens AHC20720 Certificate II in Nursery Operations AHC30620 Certificate III in Production Horticulture AHC30722 Certificate III in Horticulture AHC30820 Certificate III in Arboriculture AHC31021 Certificate III in Parks and Gardens AHC31120 Certificate III in Nursery Operations AHC31319 Certificate III in Sports Turf Management

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Horticulture (Plant Husbandry)	AHC20422	Certificate II in Horticulture	AHCPMG201	Treat weeds	40	70
			AHCPMG202	Treat plant pests, diseases and disorders	30	
Introduction to Horticulture (Plant Propagation)	AHC20422	Certificate II in Horticulture	AHCNSY207	Undertake propagation activities	30	90
			AHCSOL203	Assist with soil or growing media sampling and testing	30	
			AHCWHS202	Participate in workplace health and safety processes	30	
Advanced Horticulture	AHC30722	Certificate III in Horticulture	AHCIRG346	Operate pressurised irrigation systems	50	140
			AHCPCM308	Identify and select plants	90	
More Information <ul style="list-style-type: none"> FIP alignment: Horticulture 						
Advanced Horticulture (Plant Propagation)	AHC30624	Certificate III in Production Horticulture	AHCNSY308	Maintain nursery plants	40	170
			AHCNSY313	Implement a propagation plan	90	
			AHCSOL305	Prepare growing media	40	
More Information <ul style="list-style-type: none"> FIP alignment: Horticulture 						

Skill Sets

For school students that want to further enhance their skills as part of their chosen pathway, the following national skill sets are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
AHCSS00090 Introduction to Sports Turf Maintenance Skill Set	AHC20919	Certificate II in Sports Turf Management	AHCMOM203	Operate basic machinery and equipment	20	100
			AHCTRF205	Assist in the preparation of turf surfaces for play	40	
			AHCTRF207	Renovate grassed areas	40	
	Application of this Skill Set This skill set provides a range of basic skills appropriate for volunteer and casual workers engaged in the sports turf industry.					
FBPSS00025 Cellar Operations Induction Skill Set	FBP20521	Certificate II in Wine Industry Operations	FBPCEL2008	Carry out inert gas handling operations	20	110
			FBPCEL2009	Carry out transfer operations	20	
			FBPOPR2095	Clean and sanitise equipment	30	
			FBPWIN2001	Perform effectively in a wine industry workplace	40	
	Application of this Skill Set This Skill Set addresses the entry level skills required by individuals working in cellar operations (wine making) within the wine industry.					
Stack this Skill Set with: Skill Sets: BSBSS00095 Cross-Sector Infection Control Skill Set						
FBPSS00007 Pasteuriser Operator Skill Set	FBP30121	Certificate III in Food Processing	FBPOPR2088	Operate pumping equipment	30	160
			FBPOPR2094	Clean equipment in place	30	
			FBPOPR3011	Operate and monitor a heat treatment process	50	
			FBPOPR3016	Operate and monitor a separation process	50	

Entry Level Jobs in Agribusiness, Food and Wine / Beverages

ANZSCO Code	Role
8423	Livestock Farm Workers
3611	Animal Attendants and Trainers
361311	Veterinary Nurse
234314	Park Ranger
362611	Gardener (General)
831118	Winery Cellar Hand
351111	Baker
842318	Stablehand
842111	Aquaculture Worker
234311	Conservation Officer

Livestock Farm Workers

Livestock Farm Workers perform routine tasks in livestock, meat, milk, egg and wool production.

ANZSCO Code — 8423

Technical Skills

Top 6 tasks of the role

Muster and move livestock

Prepare and distribute food and water for animals

Care for animals

Perform manual agricultural, aquacultural or horticultural tasks

Assist with handling of horses

Assist with handling of esmaintenance tasks



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Animal Attendants and Trainers



Animal Attendants and Trainers train, exercise, feed, groom, and care for animals.

ANZSCO Code — 3611

Technical Skills

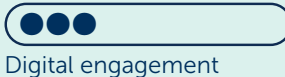
Top 6 tasks of the role

- Care for animals
- Comply with industry animal welfare requirements
- Monitor health or behaviour of animals
- Maintain facilities or equipment
- Train animals
- Prepare and distribute food and water for animals



Core Competency Level

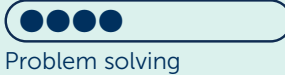
Employability and language, literacy and numeracy skills



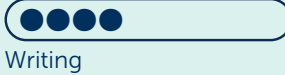
Digital engagement



Numeracy



Problem solving



Writing



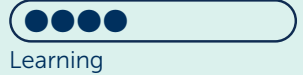
Initiative & innovation



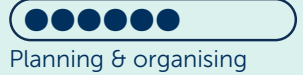
Oral communication



Reading



Learning



Planning & organising



Teamwork

Veterinary Nurse



Cares for animals under treatment or in temporary residence at veterinary facilities and assists Veterinarians to perform procedures and operations.

ANZSCO Code — 361311

Technical Skills

Top 6 tasks of the role

- Assist patients with hygiene or daily living activities
- Assist health care practitioners during examinations, treatments, or procedures
- Position patients for treatment, procedures, or examination
- Teach medical procedures or the use of medical equipment
- Assist with handling of horses
- Control prescription refills or authorisations

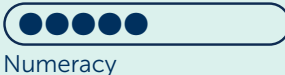


Core Competency Level

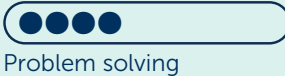
Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Park Ranger



Assists in controlling a State or national park, scenic area, historic site, nature reserve, recreation area or conservation reserve in accordance with authorised policies and priorities.

ANZSCO Code — 234314

Technical Skills

Top 6 tasks of the role

Maintain practical knowledge of natural areas

Undertake natural conservation or restoration activities

Provide technical information or assistance to the public

Assess licence, permit, program or funding applications

Identify and use geographic or hydrographic features or landmarks to assist with navigation

Protect and preserve cultural artefacts and sites



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Baker



Prepares and bakes bread loaves and rolls.

ANZSCO Code — 351111

Technical Skills

Top 6 tasks of the role

Produce doughs or baked goods

Adjust temperature controls of ovens or other heating equipment

Decorate, garnish or finish food items

Evaluate quality of food, drinks or ingredients

Operate food processing equipment

Weigh or measure ingredients or substances to be used



Core Competency Level

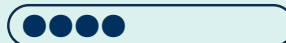
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Gardener (General)



Plants, cultivates and maintains parks and gardens.

ANZSCO Code — 362611

Technical Skills

Top 6 tasks of the role

Cultivate and maintain lawns, plants and gardens

Prune or trim trees or other vegetation

Dispose of rubbish or waste materials

Plant crops, trees or other plants

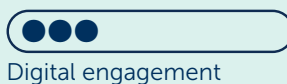
Operate grounds maintenance equipment

Design and plan outdoor layouts



Core Competency Level

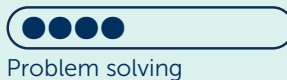
Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Winery Cellar Hand



Operates machines and performs routine tasks to make and bottle wine.

ANZSCO Code — 831118

Technical Skills

Top 6 tasks of the role

Operate food processing equipment

Undertake brewing, fermenting, or other conversion processes

Weigh materials, items, or products to ensure compliance with specifications or standards

Adjust equipment controls to regulate flow of production

Package materials or products for storage, shipment or transport

Load materials into equipment for use or processing



Core Competency Level

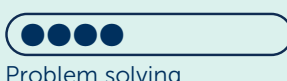
Employability and language, literacy and numeracy skills



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Construction and Mining

Construction and Mining



Includes the following industry sectors:

Architectural Services

The planning, design, and execution of built environments, including buildings, landscapes, and urban spaces. Architects work closely with clients, engineers, contractors, and other stakeholders to create functional, aesthetic, and sustainable solutions that meet the needs of users and communities. This sector encompasses a wide range of activities, from conceptualising and developing design proposals to overseeing construction and ensuring compliance with building codes and regulations.

Building and Construction

The planning, design, construction, and maintenance of structures such as residential buildings, commercial complexes, infrastructure projects, and industrial facilities. It encompasses a wide range of activities, including architectural and engineering design, procurement of materials, project management, construction, and post-construction services.

Building Cleaning, Pest Control and Other Support Services

A range of services aimed at maintaining the cleanliness, hygiene, and safety of buildings and premises. This sector includes activities such as cleaning services, carpet and upholstery cleaning, window cleaning, pest control, waste management, and facility maintenance. These services are essential for ensuring healthy and comfortable environments for occupants, preventing the spread of diseases, and protecting property from damage caused by pests and neglect.

Engineering Design and Consulting Services

Providing expertise in the planning, design, and implementation of engineering projects across various industries. This sector encompasses a wide range of services, including civil engineering, structural engineering, mechanical engineering, electrical engineering, environmental engineering, and transportation engineering, among others. Engineers and consulting firms work closely with clients to develop innovative solutions, optimize designs, and ensure projects meet regulatory requirements, safety standards, and sustainability goals. Key activities within this sector include feasibility studies, conceptual design, detailed engineering, project management, and quality assurance.

Exploration and Other Mining Support Services

Encompasses a range of activities aimed at facilitating mineral exploration, extraction, and processing operations. This sector includes geological surveys, prospecting, drilling, mapping, laboratory testing, and consulting services provided to mining companies. These services are essential for identifying and evaluating mineral deposits, determining their economic viability, and implementing efficient mining techniques. Key aspects of this sector include exploration planning, data analysis, resource estimation, environmental assessments, and regulatory compliance.

Fire and Security Services

Provision of measures to protect people, property, and assets from the risk of fire, theft, vandalism, and other security threats. This sector encompasses a range of services including fire detection and suppression systems, burglar alarms, access control systems, surveillance cameras, security guards, and emergency response services. Key activities within this sector include risk assessment, system design and installation, monitoring, maintenance, and incident response. Fire and security services play a crucial role in safeguarding public safety, reducing property damage, and deterring criminal activity.

Heavy and Civil Engineering Construction

The planning, design, and construction of large-scale infrastructure projects such as roads, bridges, dams, railways, airports, and utilities. This sector encompasses a wide range of activities including earthworks, structural engineering, foundation construction, and utility installations. Key aspects of this sector include project management, site preparation, materials procurement, and equipment operation. Heavy and civil engineering construction projects are critical for supporting economic development, improving transportation networks, enhancing public safety, and providing essential services to communities.



Investigation and Security Services

Provision of services aimed at protecting individuals, businesses, and assets from security threats and risks. This sector encompasses a variety of activities, including private investigation, security consulting, surveillance, background checks, cybersecurity, and executive protection. Key services within this sector include risk assessment, security planning, threat detection, incident response, and crisis management. Investigation and security services play a critical role in safeguarding public safety, preventing crime, and mitigating losses due to theft, fraud, vandalism, and other security breaches.

Land Development and Site Preparation Services

Activities related to preparing land for construction, development, or other uses. This sector encompasses a range of services, including land clearing, grading, excavation, soil stabilisation, drainage installation, and utility infrastructure development. Key aspects of this sector include land surveying, site planning, environmental assessments, and regulatory compliance. Land development and site preparation services are essential for transforming raw land into usable and sustainable spaces for residential, commercial, industrial, and infrastructure projects. These services help to optimize land use, ensure proper drainage and infrastructure, and mitigate environmental impacts.

Mining

The extraction of valuable minerals, metals, and other geological resources from the Earth's crust. It encompasses a wide range of activities, including exploration, extraction, processing, and transportation of minerals. The mining industry plays a crucial role in supplying raw materials for various industries, including construction, manufacturing, energy production, and technology. Key sectors within mining include coal mining, metal ore mining (such as gold, silver, copper, and iron), non-metallic mineral mining (such as salt, gypsum, and gravel), and energy minerals (such as coal, oil, and natural gas).





Plumbing Services

Installation, repair, and maintenance of plumbing systems in residential, commercial, and industrial buildings. This sector encompasses a wide range of services, including installing pipes, fixtures, and appliances; repairing leaks and clogs; servicing water heaters and boilers; and addressing drainage and sewage issues. Plumbers play a crucial role in ensuring the safe and efficient delivery of water, gas, and waste within buildings, as well as maintaining hygiene and sanitation standards. Key aspects of the plumbing services industry include adherence to building codes and regulations, proficiency in plumbing techniques and materials, and customer service excellence.

Property Operators and Real Estate Services

Activities related to the acquisition, development, management, and sale or rental of real estate properties. This sector includes property management, real estate brokerage, leasing services, property valuation, and real estate investment. Key players within this sector include property owners, developers, landlords, real estate agents, property managers, and real estate investment trusts (REITs). The sector plays a crucial role in facilitating transactions and managing properties across residential, commercial, industrial, and institutional sectors. Key activities include property marketing, tenant screening, lease negotiation, maintenance, and financial management.

Quarrying

Extraction of natural resources, primarily stone, gravel, sand, and other construction materials, from quarries or open-pit mines. These materials are used for various purposes in construction, infrastructure development, landscaping, and manufacturing. Quarrying operations typically involve drilling, blasting, and excavation to extract raw materials from the earth's surface or underground deposits. Key activities within the quarrying industry include site preparation, material extraction, crushing, screening, and transportation. The industry plays a crucial role in providing essential raw materials for building roads, bridges, buildings, and other infrastructure projects.

Surveying and Mapping Services

Collection, analysis, and presentation of spatial data to support various planning, design, construction, and management activities. This sector encompasses a wide range of services, including land surveying, topographic mapping, cadastral mapping, aerial surveying, GIS (Geographic Information Systems) mapping, and hydrographic surveying. Surveyors and mapping professionals use specialised equipment and techniques to measure and record geographic features, boundaries, elevation, and other spatial attributes of the Earth's surface. Key activities within this sector include boundary determination, land subdivision, route surveying, and geospatial analysis. Surveying and mapping services are essential for land development, infrastructure projects, environmental management, disaster response, and natural resource management.

Water Supply and Treatment

Management, treatment, and distribution of clean water for domestic, industrial, agricultural, and environmental purposes. This sector encompasses activities such as sourcing water from natural resources (such as rivers, lakes, and groundwater), treating water to remove impurities and contaminants, and distributing treated water through a network of pipes and infrastructure to end-users. Additionally, the sector includes wastewater treatment and management to safely dispose of and recycle used water, minimising environmental pollution and protecting public health. Key aspects of this sector include water resource management, infrastructure maintenance, water quality monitoring, and regulatory compliance. The Water Supply and Treatment sector is essential for ensuring access to safe and reliable drinking water, promoting public health, supporting economic development, and preserving natural ecosystems.

Flexible Industry Programs

For school students that want to pursue a career in Construction and Mining, the following Flexible Industry Programs are available as part of the secondary education program

Building and Construction



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	CPC20220 Certificate II in Construction Pathways	AHC30921 Certificate III in Landscape Construction CPC30120 Certificate III in Shopfitting
12		CPC30216 Certificate III in Signs and Graphics CPC30220 Certificate III in Carpentry CPC30320 Certificate III in Concreting CPC30420 Certificate III in Demolition CPC30620 Certificate III in Painting and Decorating CPC30820 Certificate III in Roof Tiling CPC30920 Certificate III in Scaffolding CPC31020 Certificate III in Solid Plastering CPC31120 Certificate III in Steelfixing CPC31220 Certificate III in Wall and Ceiling Lining CPC31320 Certificate III in Wall and Floor Tiling CPC31920 Certificate III in Joinery CPC32320 Certificate III in Stonemasonry CPC33020 Certificate III in Bricklaying and Blocklaying FWP31220 Certificate III in Timber Systems Design
	Conditions:	Students will need to complete CPCWHS1001 Prepare to work safely in the construction industry (White Card) to go onto a building site.

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Landscaping	AHC21624	Certificate II in Landscaping	AHCLSC206	Assist with landscape construction work	30	70
			AHCPM204	Recognise plants	40	
Advanced Landscaping	AHC30921	Certificate III in Landscape Construction	AHCLSC311	Set out site for construction works	60	180
			AHCLSC318	Erect timber structures and features	60	
			AHCSOL304	Implement soil improvement for garden and turf areas	60	
Introduction to Construction, Plumbing and Roof Plumbing	CPC20220	Certificate II in Construction Pathways	CPCCOM1013	Plan and organise work	20	80
			CPCCVE1011	Undertake a basic construction project	40	
			CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry	20	

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Carpentry Safety Skills	CPC30220	Certificate III in Carpentry	CPCCCA3024	Install lining, panelling and moulding	40	140
			CPCCCA3027	Set up, operate and maintain indirect action powder-actuated power tools	20	
			CPCCCM2008	Erect and dismantle restricted height scaffolding	40	
			CPCCCM2012	Work safely at heights	8	
			CPCCCM3001	Operate elevated work platforms up to 11 metres	32	
More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 						
Advanced Painting and Decorating	CPC30620	Certificate III in Painting and Decorating	CPCCCM3001	Operate elevated work platforms up to 11 meters	32	142
			CPCCPD2012	Use painting and decorating tools and equipment	80	
			CPCCPD3029	Remove graffiti and apply anti-graffiti coatings	30	
More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 						
Advanced Solid Plastering	CPC31020	Certificate III in Solid Plastering	CPCCCM2008	Erect and dismantle restricted height scaffolding	40	140
			CPCCOM1014	Conduct workplace communication	20	
			CPCCSP2002	Use solid plastering tools and equipment	80	
More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 						
Advanced Wall and Ceiling Lining	CPC31220	Certificate III in Wall and Ceiling Lining	CPCCCM2012	Work safely at heights	8	140
			CPCCOM2001	Read and interpret plans and specifications	36	
			CPCCPB3001	Fix standard plasterboard wall sheets	60	
			CPCCPB3008	Mix plastering compounds	20	
			CPCCPB3010	Manually sand plaster work	16	
More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Wall and Floor Tiling	CPC31320	Certificate III in Wall and Floor Tiling	CPCCCO2013	Carry out concreting to simple forms	20	140
			CPCCWF3002	Install floor tiles	120	
	More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 					
Advanced Bricklaying and Blocklaying	CPC33020	Certificate III in Bricklaying and Blocklaying	CPCCBL2001	Handle and prepare bricklaying and blocklaying materials	16	142
			CPCCBL2002	Use bricklaying and blocklaying tools and equipment	30	
			CPCCBL3005	Lay masonry walls and corners	76	
			CPCCCO2013	Carry out concreting to simple forms	20	
	More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry FIP alignment: Building and Construction 					
Advanced Heritage Trade Skills	10858NAT	Certificate III in Heritage Trade Skills	NAT10858001	Introduction to working on heritage sites	8	148
			NAT10858002	Undertake work on a heritage project	70	
			NAT10858004	Apply principles of restoration and conservation	70	
More Information <ul style="list-style-type: none"> Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry Students must also have completed a Certificate II in Construction Pathways FIP alignment: Building and Construction 						

Civil Construction, Resources and Infrastructure



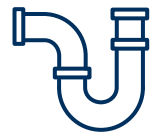
Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	RII20120 Certificate II in Resources and Infrastructure Work Preparation	RII20120 Certificate II in Resources and Infrastructure Work Preparation* RII20720 Certificate II in Civil Construction
12		RII30120 Certificate III in Surface Extraction Operations RII30320 Certificate III in Underground Metalliferous Mining RII30420 Certificate III in Resource Processing RII30820 Certificate III in Civil Construction Plant Operations RII30920 Certificate III in Civil Construction RII31820 Certificate III in Drilling Operations RII32020 Certificate III in Drilling Oil & Gas (Onshore) RII20420 Certificate II Underground Metalliferous Mining RII20920 Certificate II in Drilling Operations
	Conditions:	Students will need to complete CPCWHS1001 Prepare to work safely in the construction industry (White Card) to go onto a building site.

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Civil Construction	RII20720	Certificate II in Civil Construction	RIIBEF201E	Plan and organise work	20	140
			RIICCM205F	Carry out manual excavation	8	
			RIICCM207E	Spread and compact materials manually	12	
			RIISAM203E	Use hand and power tools	80	
			RIIWHS201E	Work safely and follow WHS policies and procedures	20	
Advanced Civil Construction	RII30920	Certificate III in Civil Construction	RIICRC302E	Place and form concrete kerb, channel and fixtures	36	144
			RIICRC303E	Lay pavers	24	
			RIICRC314E	Handle concrete materials	24	
			RIIRIS301E	Apply risk management processes	40	
			RIIRTM203E	Work as a safety observer/spotter	20	
More Information						
<ul style="list-style-type: none"> FIP alignment: Civil Construction, Resources and Infrastructure 						

Plumbing



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	22569VIC Certificate II in Plumbing (Pre-apprenticeship) CPC20220 Certificate II in Construction Pathways	CPC32420 Certificate III in Plumbing CPC32620 Certificate III in Roof Plumbing CPC32720 Certificate III in Gas Fitting
12		

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Plumbing	CPC32420	Certificate III in Plumbing	CPCPCM2043	Carry out WHS requirements	50	140
			CPCPCM2045	Handle and store plumbing materials	6	
			CPCPCM2047	Carry out levelling	6	
			CPCPCM2048	Cut and join sheet metal	8	
			CPCPCM2049	Cut using oxy-acetylene equipment	8	
			CPCPCM2052	Weld mild steel using oxy-acetylene equipment	16	
			CPCPCM2054	Carry out simple concreting and rendering	16	
			CPCPCM3021	Flash penetrations through roofs and walls	18	
			CPCPCM3023	Fabricate and install non-ferrous pressure piping	12	
More Information <ul style="list-style-type: none"> FIP alignment: Plumbing 						

Skill Sets

For school students that want to further enhance their skills as part of their chosen pathway, the following national skill sets are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
RIISS00054 Traffic Controller Skill Set	RII20720	Certificate II in Civil Construction	RIICOM201E	Communicate in the workplace	20	80
			RIIWHS201E	Work safely and follow WHS policies and procedures	20	
			RIIWHS205E	Control traffic with stop-slow bat	20	
			RIIWHS206	Control traffic with portable traffic control devices and temporary traffic signs	20	
<p>Application of this Skill Set This Skill Set addresses the skills and knowledge to work in traffic controller in a temporary management context.</p>						
<p>Stack this Skill Set with: Unit of competence: RIIWHS302E – Implement traffic management plans. Note this unit is approved for delivery with this skill set only and not as a standalone unit.</p>						
<p>More Information</p> <ul style="list-style-type: none"> Suitable for jobs in the Resources sector <p>In South Australia the Department for Infrastructure and Transport has developed the South Australian 'Workzone Traffic Management' training course to ensure that personnel who are required to work on roads are aware of their responsibilities and legal obligations. The training course will also ensure that these personnel are aware of the traffic control devices that are available for use and how to use them to provide a safe working environment for their own benefit and that of the general public.</p> <p>The work zone traffic management requires that students have successfully completed the following units of competence: RIIWHS302E Implement traffic management plans and RIIWHS205E Control traffic with stop-slow bat.</p>						



Entry Level Jobs in Construction and Mining

ANZSCO Code	Role
331111	Bricklayer
331212	Carpenter
821113	Earthmoving Labourer
712211	Driller
721211	Earthmoving Plant Operator (General)
334116	Plumber (General)
334115	Roof Plumber
821211	Concreter
362711	Landscape Gardener
332211	Painter

Bricklayer



Lays bricks, pre-cut stone and other types of building blocks in mortar to construct and repair walls, partitions, arches, segmental paving and other structures.

ANZSCO Code — 331111

Technical Skills

Top 6 tasks of the role

Apply mortar

Align and install masonry materials

Cut tile, stone or other masonry materials

Spread concrete or other aggregate mixtures

Plan layout of construction, installation or repairs

Clean surfaces before commencing work



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Carpenter



Constructs, erects, installs, renovates and repairs structures and fixtures of wood, plywood, lightweight steel, wallboard and other materials.

ANZSCO Code — 331212

Technical Skills

Top 6 tasks of the role

Assemble wood products

Assemble or install wooden structures or structural components

Cut wood components

Install hardware or other interior or building fixtures

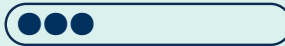
Operate woodworking equipment

Install trim or panelling



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Earthmoving Labourer



Performs routine tasks in excavating earth, clearing and levelling sites, and digging irrigation channels.

ANZSCO Code — 821113

Technical Skills

Top 6 tasks of the role

Operate heavy-duty construction or installation equipment

Dig holes or trenches

Review designs, blueprints, specifications, diagrams, work orders or other documentation to determine work requirements

Select construction materials, equipment, or tools

Receive information or instructions for performing work assignments

Assist skilled construction or mining staff



Core Competency Level

Employability and language, literacy and numeracy skills



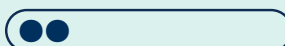
Digital engagement



Numeracy



Problem solving



Writing



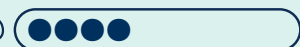
Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Driller

Assembles, positions and operates a drilling rig and related equipment to extract ore, liquids or gases from the earth.



ANZSCO Code — 712211

Technical Skills

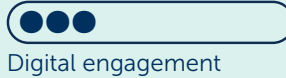
Top 6 tasks of the role

- Maintain drilling equipment
- Operate cranes, hoists, winches, or other moving or lifting equipment
- Operate drilling equipment to drill holes in earth or rock
- Install drilling equipment
- Record operational or production data
- Measure work site dimension



Core Competency Level

Employability and language, literacy and numeracy skills



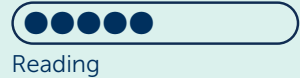
Digital engagement



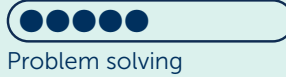
Oral communication



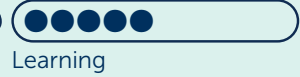
Numeracy



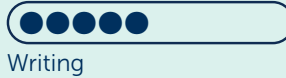
Reading



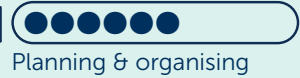
Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Earthmoving Plant Operator

Operates a range of earthmoving plant to assist with building roads, rail, water supply, dams, treatment plants and agricultural earthworks.



ANZSCO Code — 721211

Technical Skills

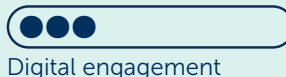
Top 6 tasks of the role

- Operate heavy-duty construction or installation equipment
- Position construction or mining equipment
- Monitor construction operations
- Operate cranes, hoists, winches, or other moving or lifting equipment
- Maintain professional or technical knowledge, skills, or certifications
- Load or unload materials used in construction or mining



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Plumber (General)



Installs and repairs water, drainage, gas and sewerage pipes and systems other than water-based fire protection systems.

ANZSCO Code — 334116

Technical Skills

Top 6 tasks of the role

- Install plumbing or piping
- Weld metal components
- Record operational or production data
- Direct construction or mining staff
- Plan layout of construction, installation or repairs
- Create construction or installation diagrams



Core Competency Level

Employability and language, literacy and numeracy skills



Roof Plumber



Installs, maintains and repairs flashings, metallic roof and wall claddings and rainwater products such as gutters and downpipes. Registration or licensing is required.

ANZSCO Code — 334115

Technical Skills

Top 6 tasks of the role

- Install plumbing or piping
- Weld metal components
- Record operational or production data
- Direct construction or mining staff
- Calculate technical, material, equipment, labour or other resource requirements for projects, tasks, or processes
- Create construction or installation diagrams



Core Competency Level

Employability and language, literacy and numeracy skills







**Creative
Industries,
Arts, Finance,
Technology
and Business**

Creative Industries, Arts, Finance, Technology and Business

Includes the following industry sectors:

Arts

Diverse range of creative disciplines, including visual arts, performing arts, literary arts, and interdisciplinary arts. It involves the creation, production, presentation, and dissemination of artistic works that express ideas, emotions, and experiences through various mediums such as painting, sculpture, music, dance, theatre, literature, film, and digital media. The arts sector plays a crucial role in fostering cultural expression, creativity, and innovation, enriching individual lives and communities, and promoting social cohesion and dialogue. Key aspects of the arts sector include artistic education and training, funding and support mechanisms, cultural policies and institutions, audience engagement, and the promotion of diversity, equity, and inclusion.

Business Services

Range of professional services aimed at supporting businesses in various aspects of their operations. This sector includes activities such as consulting, accounting, legal services, human resources, marketing, advertising, information technology (IT), outsourcing, and facility management. Business service providers offer expertise, resources, and solutions to help businesses improve efficiency, reduce costs, manage risks, and achieve their strategic objectives. Key aspects of the business services sector include customized solutions tailored to client needs, quality assurance, regulatory compliance, and ongoing support.

Creative Industries

A broad spectrum of economic activities that involve the generation and commercialization of creative content, products, and services. This includes areas such as visual arts, performing arts, design, fashion, film, music, publishing, architecture, advertising, gaming, and digital media. The sector thrives on the creativity, skills, and talents of individuals and businesses who produce original works or provide creative services. Key characteristics of the creative industries sector include innovation, cultural expression, and the fusion of artistry with commerce. It plays a significant role in driving economic growth, cultural enrichment, and social innovation. Collaboration, entrepreneurship, and the use of technology are essential for success within the creative industries sector.

Cultural and Related Services

A wide array of activities that contribute to the preservation, promotion, and dissemination of cultural heritage, artistic expression, and creative industries. This sector includes cultural institutions such as museums, galleries, libraries, archives, theaters, and cultural centers, as well as heritage sites, festivals, and events. It also involves cultural education, arts education, cultural tourism, and creative tourism services. Key aspects of this sector include cultural preservation, curation, interpretation, and audience engagement. The Cultural and Related Services sector plays a crucial role in fostering cultural diversity, social cohesion, and identity formation. It contributes to economic development, job creation, and tourism by showcasing local culture and heritage.

Financial Services

Services related to managing, investing, and leveraging money and assets. It includes activities such as banking, insurance, investment management, brokerage services, financial planning, and wealth management. Key players within this sector include banks, credit unions, insurance companies, investment firms, stock exchanges, and financial technology (fintech) companies. The financial services sector plays a crucial role in facilitating economic activities, allocating capital efficiently, and managing risks in the economy. It provides individuals, businesses, and governments with essential financial products and services to meet their needs, such as savings accounts, loans, insurance policies, investment opportunities, and retirement planning. Key aspects of the financial services sector include regulatory compliance, risk management, customer service, and innovation in financial products and technology.



Information Technology including Cybersecurity

Development, implementation, and management of technology solutions to support data processing, communication, and security needs across various sectors. It includes hardware, software, networking, cloud computing, cybersecurity, and digital services. Key components of this industry include IT infrastructure, software development, data analytics, network administration, and cybersecurity measures. The IT industry plays a critical role in driving innovation, productivity, and efficiency across businesses, government agencies, and other organisations. It enables digital transformation, automation, and connectivity, facilitating collaboration and communication on a global scale. Cybersecurity is an integral part of the IT industry, focusing on protecting digital assets, networks, and systems from cyber threats, such as malware, phishing, ransomware, and data breaches. As technology evolves, the IT industry continues to innovate and adapt to address emerging challenges and opportunities, such as cloud computing, artificial intelligence, Internet of Things (IoT), and remote work trends.

Printing and Graphic Design

Creation, production, and distribution of printed materials and visual communication designs. This sector encompasses a variety of services, including graphic design, typesetting, prepress preparation, printing, finishing, and packaging. Key activities within this sector include designing logos, branding materials, advertisements, brochures, posters, packaging, and other marketing collateral. The Printing and Graphic Design sector plays a crucial role in helping businesses and organisations communicate their messages effectively to target audiences through visually appealing and impactful designs. Collaboration between graphic designers, printers, clients, and other stakeholders is essential for delivering high-quality printed materials that meet clients' needs and expectations.



Flexible Industry Programs

For school students that want to pursue a career in Creative Industries, Arts, Finance, Technology and Business, the following Flexible Industry Programs are available as part of the secondary education program

Business

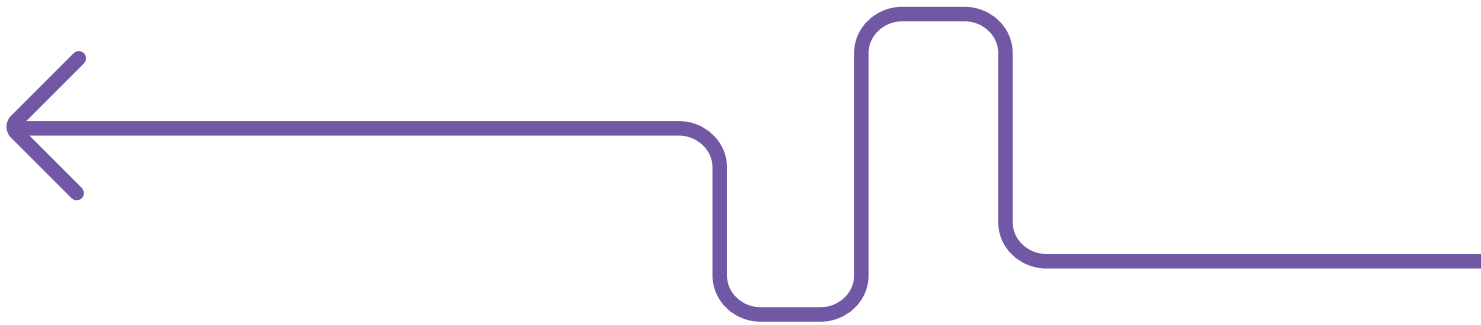


Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11		BSB30120 Certificate III in Business
12		BSB30320 Certificate III in Legal Services BSB30420 Certificate III in Library and Information Services CPP31519 Certificate III in Real Estate Practice FNS20120 Certificate II in Financial Services FNS30122 Certificate III in Financial Services FNS30322 Certificate III in Accounts Administration FNS30420 Certificate III in Mercantile Agents LGA20120 Certificate II in Local Government LGA30120 Certificate III in Local Government SIR30116 Certificate III in Community Pharmacy SIR30316 Certificate III in Business to Business Sales

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Business	BSB20120	Certificate II in Workplace Skills	BSBCRT201	Develop and apply thinking and problem solving skills	30	140
			BSBOPS201	Work effectively in business environments	30	
			BSBTEC201	Use business software applications	60	
			BSBTEC202	Use digital technologies to communicate in a work environment	20	
More Information						
• FIP alignment: Business						
Advanced Business (Commerce)	BSB30120	Certificate III in Business	BSBESB302	Develop and present business proposals	30	160
			BSBFIN302	Maintain financial records	60	
			BSBOPS302	Identify business risk	40	
			SIRXMKT001	Support marketing and promotional activities	30	
More Information						
• FIP alignment: Business						



Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Business (Documents)	BSB30120	Certificate III in Business	BSBINS302	Organise workplace information	30	145
			BSBTEC301	Design and produce business documents	80	
			BSBTEC302	Design and produce spreadsheets	35	
More Information <ul style="list-style-type: none"> FIP alignment: Business 						



Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Cyber Security Awareness	ICT30120	Certificate III in Information Technology	BSBCRT311	Apply critical thinking skills in a team environment	40	150
			BSBXCS301	Protect own personal online profile from cyber security threats	30	
			BSBXCS303	Securely manage personally identifiable information and workplace information	40	
			BSBXCS402	Promote workplace cyber security awareness and best practices	40	
More Information <ul style="list-style-type: none"> FIP alignment: Cyber 						

Information Technology



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	ICT30120 Certificate III in Information Technology	ICT30120 Certificate III in Information Technology ICT30519 Certificate III in Telecommunications Technology
12		ICT20120 Certificate II in Applied Digital Technologies

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Information Technology	ICT20120	Certificate II in Applied Digital Technologies	ICTICT214	Operate application software packages	60	100
			ICTSAS215	Protect and secure information assets	20	
			ICTSAS218	Obtain and connect hardware peripherals	20	
Introduction to IT Support	ICT20120	Certificate II in Applied Digital Technologies	BSBCRT201	Develop and apply thinking and problem solving skills	30	80
			ICTICT219	Interact and resolve queries with ICT clients	20	
			ICTSAS211	Develop solutions for basic ICT malfunctions and problems	20	
			ICTSAS212	Record the requirements of client support requests	10	
Advanced Technology	ICT30120	Certificate III in Information Technology	BSBXC303	Securely manage personally identifiable information and workplace information	40	140
			ICTCLD301	Evaluate characteristics of cloud computing solutions and services	40	
			ICTPRG302	Apply introductory programming techniques	40	
			ICTSAS308	Run standard diagnostic tests	20	
	More Information		<ul style="list-style-type: none"> Suitable for jobs in the Defence sector 			
Advanced Website Development	ICT30120	Certificate III in Information Technology	ICTWEB304	Build simple web pages	40	80
			ICTWEB305	Produce digital images for the web	40	

Screen and Media Production, Game Development and Visual Effects



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	CUA31020 Certificate III in Screen and Media	CUA20220 Certificate II in Creative Industries
12		ICP20120 Certificate II in Printing and Graphic Arts CUA30420 Certificate III in Live Production and Technical Services CUA30920 Certificate III in Music CUA31020 Certificate III in Screen and Media ICP31220 Certificate III in Printing ICP31320 Certificate III in Print Binding, Finishing and Packaging ICP31420 Certificate III in Prepress Graphic Design Production

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Junior Dance Teacher	CUA30120	Certificate III in Dance	BSBTWK201	Work effectively with others	40	140
			CUACHR311	Develop basic dance composition skills	30	
			CUADTM311	Assist with dance teaching	35	
			CUAIND314	Plan a career in the creative arts industry	35	
Advanced Dance	CUA30120	Certificate III in Dance	CUADAN314	Develop dance improvisation skills	30	150
			CUADAN331	Integrate rhythm into movement activities	25	
			CUAPRF317	Develop performance techniques	35	
			CUAWHS311	Condition body for dance performance	60	
Introduction to Filmmaking	CUA20220	Certificate II in Creative Industries	CUACAM211	Assist with basic camera shoots	30	90
			CUAPOS211	Perform basic vision and sound editing	60	
Advanced Sound Technical Production	CUA30420	Certificate III in Live Production and Technical Services	CUASOU308	Install and disassemble audio equipment	40	140
			CUASOU331	Undertake live audio operations	100	
More Information <ul style="list-style-type: none"> Condition: Students must not undertake work that requires dogging and rigging FIP alignment: Screen and Media Production, Game Development and Visual Effects 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Live Production Operations	CUA30420	Certificate III in Live Production and Technical Services	CUASMT311	Work effectively backstage during performances	100	190
			CUASTA311	Assist with production operations for live performances	90	
	More Information <ul style="list-style-type: none"> FIP alignment: Screen and Media Production, Game Development and Visual Effects 					
Advanced Electronic Music Production	CUA30920	Certificate III in Music (Creation and Composition)	CUAIND314	Plan a career in the creative arts industry	35	140
			CUAMCP311	Create simple music compositions	35	
			CUAMLT302	Apply knowledge of style and genre to music industry practice	40	
			CUASOU304	Prepare audio assets	30	
	More Information <ul style="list-style-type: none"> FIP alignment: Screen and Media Production, Game Development and Visual Effects 					



Skill Sets

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
BSBSS00095 Cross-Sector Infection Control Skill Set	BSB30120	Certificate III in Business	BSBWHS332X	Apply infection prevention and control procedures to own work activities	30	30
	<p>Application of this Skill Set This Skill Set addresses the skills and knowledge required to undertake work activities in compliance with organisational procedures that prevent and control infection.</p>					
	<p>Stack this Skill Set with: Skill Sets: BSBSS00103 New Business Ventures Skill Set Skills Clusters: Advanced Business (Commerce); Advanced Business (Documents); Advanced Tourism; Junior Dance Teacher; Advanced Dance; FBPSS00025 Cellar Operations Induction Skill Set</p>					
BSBSS00103 New Business Ventures Skill Set	BSB30220	Certificate III in Entrepreneurship and New Business	BSBESB301	Investigate business opportunities	25	135
			BSBESB302	Develop and present business proposals	30	
			BSBESB303	Organise finances for new business ventures	50	
			BSBESB304	Determine resource requirements for new business ventures	30	
	<p>Application of this Skill Set This Skill Set addresses the skills and knowledge to plan and develop new business ventures for a business generating self-employment, or for an existing organisation.</p>					
<p>Stack this Skill Set with: Skill Sets: BSBSS00095 Cross-Sector Infection Control Skill Set Skills Clusters: Advanced Business (Commerce); Advanced Business (Documents); Advanced Tourism; Junior Dance Teacher; Advanced Dance</p>						

Entry Level Jobs in Creative Industries, Arts, Finance, Technology and Business

ANZSCO Code	Role
262116	Cyber Security Analyst
262113	Systems Administrator
313112	ICT Customer Support Officer
542114	Medical Receptionist
621111	Stagehand
612115	Real Estate Representative
611312	Sales Representative (Business Services)
621411	Pharmacy Sales Assistant
392112	Screen Printer
531111	General Clerk

Systems Administrator



Plans, develops, installs, troubleshoots, maintains and supports an operating system and associated server hardware, software and databases ensuring optimum system integrity, security, backup and performance.

ANZSCO Code — 262113

Technical Skills

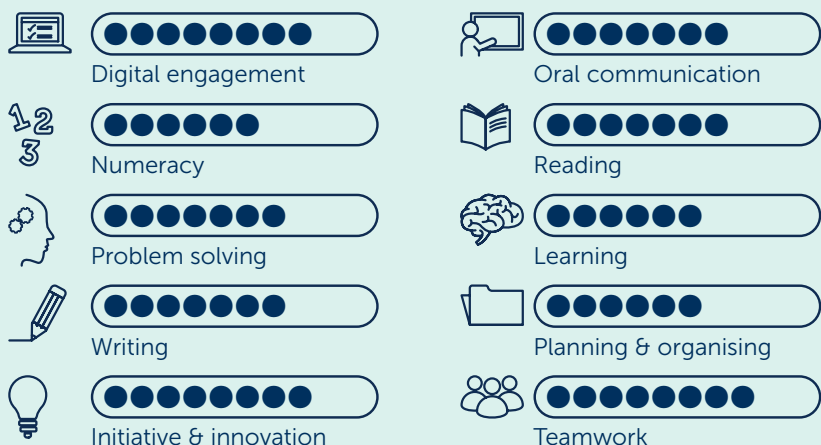
Top 6 tasks of the role

- Monitor the performance of computer networks
- Maintain computer networks to enhance performance and user access
- Implement security measures for computer or information systems
- Review computer information systems, procedures and networks
- Configure computer networks
- Monitor the security of digital information



Core Competency Level

Employability and language, literacy and numeracy skills



Cyber Security Analyst



Analyses and assesses vulnerabilities in the infrastructure, investigates available tools and countermeasures to remedy the detected vulnerabilities, and recommends solutions and best practices.

ANZSCO Code — 262116

Technical Skills

Top 6 tasks of the role

- Identify cyber security threats and determine counter measures
- Assess risks to networks, systems, or data, and specify recovery routines and contingency procedures
- Monitor the security of digital information
- Implement security measures for computer or information systems
- Maintain computer networks to enhance performance and user access
- Analyse risks to operations or processes



Core Competency Level

Employability and language, literacy and numeracy skills



ICT Customer Support Officer



Provides support, education and guidance in the deployment and maintenance of computer infrastructure and the diagnosis and resolution of technical problems and issues.

ANZSCO Code — 313112

Technical Skills

Top 6 tasks of the role

- Provide technical support for software maintenance or use
- Provide technical support for software maintenance or use
- Operate computers, computer systems, or computerised equipment
- Monitor computer system performance to ensure proper operation
- Document operational activities
- Provide customer service to clients or users



Core Competency Level

Employability and language, literacy and numeracy skills



Medical Receptionist



Greets patients and other clients in a health facility, such as a clinic, practice, centre or surgery, and responds to personal, telephone and written inquiries and requests.

ANZSCO Code — 542114

Technical Skills

Top 6 tasks of the role

- Schedule appointments or meetings
- Maintain medical records
- Answer telephones to direct calls or provide information
- Prepare documentation for contracts, disclosures, or transactions
- Send information, materials or documentation
- Interview employees, customers or others to collect information



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Stagehand

Perform a variety of tasks backstage or behind the scenes in theatres, film, television, or location performances.

ANZSCO Code — 899999

Technical Skills

Top 6 tasks of the role

- Clean work areas
- Maintain facilities or equipment
- Mark materials, products, work pieces or equipment with identifying information
- Move and store materials, equipment or products
- Operate control consoles for sound, lighting or video
- Receive information or instructions for performing work assignments



Core Competency Level

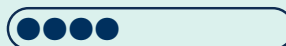
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Real Estate Representative



Arranges the conduct of real estate transactions such as sales and leasing, and assists buyers to find suitable properties, on behalf of an agency.

ANZSCO Code — 612115

Technical Skills

Top 6 tasks of the role

- Advise real estate clients
- Obtain property information
- Develop content for sales presentations or other materials
- Appraise property values
- Schedule appointments with prospective customers
- Collect information about customer, client, or user needs or issues



Core Competency Level

Employability and language, literacy and numeracy skills



Sales Representative (Business Services)



Represents their company in selling financial, advertising and other business services.

ANZSCO Code — 611312

Technical Skills

Top 6 tasks of the role

- Sell goods or services
- Contact current or potential customers to promote goods or services
- Answer questions and advise others on the use of products, goods, or services
- Negotiate prices or other sales terms
- Schedule appointments with prospective customers
- Estimate or quote costs or terms of sales



Core Competency Level

Employability and language, literacy and numeracy skills







Defence and Space Technologies

Defence and Space Technologies

Includes the following industry sectors:

Defence Manufacturing

Design, development, production, and maintenance of military equipment, weapons, and technology for defense purposes. This sector encompasses a wide range of products, including aircraft, missiles, naval vessels, land vehicles, firearms, electronic systems, and protective gear. Defence manufacturers supply equipment to military forces, defence contractors, and government agencies worldwide. Key aspects of this sector include research and development, manufacturing processes, quality control, and compliance with stringent regulatory and security standards. The defence manufacturing sector plays a critical role in national security and defence capabilities, providing armed forces with the tools and technology necessary to protect borders, maintain peace, and respond to threats.

Defence Technologies

Development and implementation of advanced technologies for military purposes, including defence systems, weaponry, communications, surveillance, and cybersecurity solutions. This sector focuses on researching, designing, and manufacturing cutting-edge technology to enhance national security and defence capabilities. Key components of the defence technologies industry include aerospace and defence companies, research and development laboratories, government defence agencies, and defence contractors. The industry plays a crucial role in maintaining military superiority, deterrence, and readiness in the face of evolving security threats and geopolitical challenges.

Space Technologies

Development, deployment, and utilization of technologies for space exploration, satellite communications, earth observation, and space research. This sector encompasses a wide range of activities, including spacecraft design and manufacturing, launch services, satellite operations, ground control systems, and space-based applications. Key players in the space technologies sector include government space agencies, private aerospace companies, research institutions, and satellite operators. The sector plays a crucial role in advancing scientific knowledge, enhancing communication and navigation capabilities, monitoring Earth's environment, and supporting national security and defence efforts.

Supply Chain Services

Management, coordination, and optimisation of the flow of goods, services, and information from suppliers to consumers. This sector encompasses a wide range of activities, including logistics, transportation, warehousing, inventory management, procurement, and distribution. Key players within the supply chain services sector include freight forwarders, third-party logistics (3PL) providers, shipping companies, customs brokers, and supply chain management software providers. The sector plays a crucial role in ensuring the efficient movement of goods and materials throughout the global economy.

Flexible Industry Programs

For school students that want to pursue a career in Defence and Space Technologies, the following Flexible Industry Programs are available as part of the secondary education program



Engineering

Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	MEM20422 Certificate II in Engineering Pathways	MEM20105 Certificate II in Engineering
12		MEM30119 Certificate III in Engineering – Production Systems MEM30219 Certificate III in Engineering – Mechanical Trade MEM30422 Certificate III in Engineering – Electronic Trade MEM30522 Certificate III in Engineering – Technical MEM30719 Certificate III in Marine Craft Construction MEM30819 Certificate III in Locksmithing MEM31922 Certificate III in Engineering – Fabrication Trade MEM31419 Certificate III in Engineering – Fixed and Mobile Plant Mechanic MEM31519 Certificate III in Engineering – Toolmaking Trade MEM31719 Certificate III in Engineering – Casting and Moulding Trade

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Engineering	MEM30522	Certificate III in Engineering – Technical	MEM09201	Work effectively in an engineering drafting workplace	20	140
			MEM09229	Read and interpret technical engineering drawings	40	
			MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment	40	
			MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements	40	
More Information <ul style="list-style-type: none"> FIP alignment - Engineering, Transport and Manufacturing 						

Entry Level Jobs in Defence and Space Technologies

ANZSCO Code	Role
322311	Metal Fabricator
323211	Mechanical Fitter (General)
323412	Toolmaker
322313	Welder (First Class)
312312	Electrical Engineering Technician
712311	Engineering Production Worker
322211	Sheetmetal Worker
711514	Plastics Production Machine Operator (General)
3221	Metal Casting, Forging and Finishing Trades Workers
312511	Mechanical Engineering Draftsperson

Metal Fabricator



Marks off and fabricates structural steel and other metal stock to make or repair metal products and structures such as boilers and pressure vessels.

ANZSCO Code — 322311

Technical Skills

Top 6 tasks of the role

- Operate metal forming equipment
- Assemble metal parts, products, or structures
- Operate cranes, hoists, winches, or other moving or lifting equipment
- Operate welding equipment
- Fabricate products, parts, or components
- Cut metal materials or components



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Mechanical Fitter



Fits and assembles metal parts and subassemblies to fabricate production machines and other equipment.

ANZSCO Code — 323211

Technical Skills

Top 6 tasks of the role

Operate cranes, hoists, winches, or other moving or lifting equipment

Measure dimensions of completed products or work pieces to verify conformance to specifications

Operate welding equipment

Grind materials, parts, or items

Align parts or work pieces for assembly

Draw guide lines or markings on materials or work pieces using patterns or other references

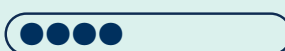


Core Competency Level

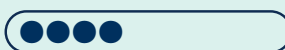
Employability and language, literacy and numeracy skills



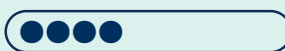
Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



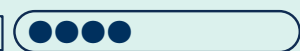
Oral communication



Reading



Learning



Planning & organising



Teamwork

Toolmaker



Makes and repairs tools, dies, jigs, fixtures and other precision parts and equipment to fine tolerances for machine tools and other production machinery.

ANZSCO Code — 323412

Technical Skills

Top 6 tasks of the role

Assemble machine tools, parts or fixtures

Measure dimensions of completed products or work pieces to verify conformance to specifications

Grind materials, parts, or items

Inspect metal materials or products

Review designs, blueprints, specifications, diagrams, work orders or other documentation to determine

Calculate dimensions of work pieces, products or equipment work requirements



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Welder (First Class)



Fabricates and repairs metal products using various welding techniques.

ANZSCO Code — 322313

Technical Skills

Top 6 tasks of the role

- Operate welding equipment
- Weld metal components
- Grind materials, parts, or items
- Assemble metal parts, products, or structures
- Measure dimensions of completed products or work pieces to verify conformance to specifications
- Cut metal materials or components



Core Competency Level

Employability and language, literacy and numeracy skills



Electrical Engineering Technician

Conducts tests of electrical systems, prepares charts and tabulations, and assists in estimating costs in support of Electrical Engineers and Engineering Technologists.

ANZSCO Code — 312312

Technical Skills

Top 6 tasks of the role

- Assemble equipment or components
- Inspect or test equipment or systems to ensure safety or proper functioning
- Evaluate designs or specifications to ensure quality, feasibility, or adequacy
- Inspect finished products to locate flaws
- Confer with other staff to resolve design, development, or operational problems
- Estimate project, production, construction, or operational costs



Core Competency Level

Employability and language, literacy and numeracy skills



Engineering Production Worker



Performs a range of production process tasks to refine and treat metals and mineral ore, fire ceramics, and operate plant to produce and finish metal products such as rods, tubing and structural shapes, and moulds for casting

ANZSCO Code — 712311

Technical Skills

Top 6 tasks of the role

- Skim impurities from molten metal
- Record operational or production data
- Place materials into or onto moulds
- Weigh or measure ingredients or substances to be used
- Operate cranes, hoists, winches, or other moving or lifting equipment
- Clean materials to prepare them for production



Core Competency Level

Employability and language, literacy and numeracy skills



Sheetmetal Worker



Marks out, shapes, forms and joins sheetmetal and other materials to make products and components.

ANZSCO Code — 322211

Technical Skills

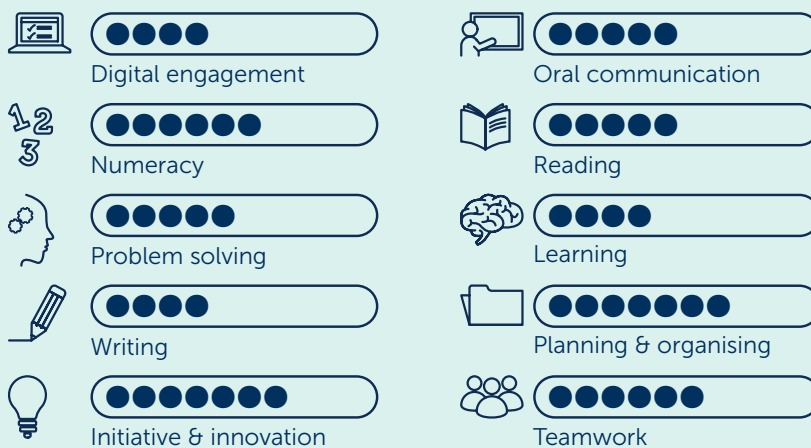
Top 6 tasks of the role

- Fabricate products, parts, or components
- Review designs, blueprints, specifications, diagrams, work orders or other documentation to determine work requirements
- Inspect completed work to ensure proper installation or functioning
- Smooth surfaces of objects, structures, or equipment
- Plan layout of construction, installation or repairs
- Create construction or installation diagrams



Core Competency Level

Employability and language, literacy and numeracy skills





Early Educators, Health, Human Services, Sport and Recreation



Early Educators, Health, Human Services, Sport and Recreation

Includes the following industry sectors:

Health

Activities aimed at promoting, protecting, and restoring health and well-being. It includes healthcare services, public health initiatives, medical research, pharmaceuticals, biotechnology, and healthcare technology. Key components of the health sector include healthcare providers such as hospitals, clinics, physicians, nurses, and allied health professionals, as well as government agencies, non-profit organisations, and private companies involved in healthcare delivery and support services. The sector plays a crucial role in preventing and treating diseases, addressing public health challenges, and improving the quality of life for individuals and communities.

Human Services (including Aged Care and Disability Services)

A range of support services aimed at improving the well-being and quality of life for individuals and communities. This sector includes services such as healthcare, social assistance, housing support, childcare, mental health services, aged care, disability services, and welfare programs. Key components of the Human Services sector include government agencies, non-profit organisations, community groups, and private providers working to address diverse social needs and challenges. Aged Care and Disability Services specifically focus on providing care and support for elderly individuals and people with disabilities to live independently and participate fully in society. The sector plays a critical role in promoting social inclusion, dignity, and equality, as well as supporting vulnerable populations and ensuring access to essential services.

Outside School Hours Care (OSHC) and Long Day Care

Provision of essential childcare services for children outside of regular school hours, and during the day for children under school age. OSHC programs typically operate before and after school, as well as during school holidays, offering a safe and supervised environment for children. Long Day Care centers provide full-day childcare services, including educational programs, meals, and play activities, for infants, toddlers, and preschool-aged children. Both sectors play a crucial role in supporting working parents and carers by offering affordable, high-quality childcare options. Key aspects of these sectors include early childhood education, play-based learning, socialisation opportunities, and child development support.

Preschool and Early Childhood Education

Educational and developmental programs for children typically between the ages of three and five, prior to entering formal schooling. This sector encompasses a variety of early childhood education settings, including preschools, kindergartens, nursery schools, and childcare centers. Key aspects of this sector include play-based learning, socialisation, early literacy and numeracy skills development, and fostering cognitive, emotional, and physical development. Early childhood educators play a crucial role in creating nurturing environments that support children's curiosity, creativity, and school readiness.

School Education

Provision of formal education to children and adolescents in primary and secondary schools. It involves a structured curriculum covering various subjects such as mathematics, science, language arts, social studies, and physical education. Key aspects of this sector include classroom instruction, student assessment, teacher training, school administration, and educational leadership. Schools play a crucial role in preparing students for academic success, personal growth, and future careers by imparting knowledge, critical thinking skills, and social competencies.

Sports and Recreation

Wide range of activities aimed at promoting physical fitness, leisure, and competitive sports participation. This sector includes organised sports leagues, recreational facilities, fitness centers, parks, outdoor recreation, and sports events and tournaments. Key aspects of this sector include sports coaching, training programs, facility management, event planning, and sports marketing. Sports and recreation play a crucial role in promoting health and well-being, fostering social connections, and enhancing quality of life for individuals and communities. Participation in sports and recreational activities offers opportunities for physical exercise, skill development, teamwork, and personal achievement.





Flexible Industry Programs

For school students that want to pursue a career in Aged Care and Disability, the following Flexible Industry Programs are available as part of the secondary education program



Aged Care and Disability

Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	CHC22015 Certificate II in Community Services	CHC32015 Certificate III in Community Services
12	CHC33021 Certificate III in Individual Support *	CHC33021 Certificate III in Individual Support *
<p><i>*CHC33021 Certificate III in Individual Support:</i></p> <ul style="list-style-type: none"> The Certificate III in Individual Support (Ageing), <i>Certificate III in Individual Support (Disability)</i>, and <i>Certificate III in Individual Support (Ageing and Disability)</i> is not recommended for Year 12 enrolments. Schools will be able to apply to their Pathways Advisor for approval for targeted cohort delivery strategies for Year 12 enrolments. Students must complete at least 120 hours of work placement as detailed in the Assessment Requirements of the units of competency. RTOs who intend to offer the <i>Certificate III in Individual Support (Disability)</i> will be required to demonstrate that they can support students to find suitable work placements. Students will need the following to attend work placements: <ul style="list-style-type: none"> Police Check (Check with RTO on specific requirements) Working with Children Check (Disability) Vaccinations (Check with RTO on specific requirements). RTO is required to provide the home school with evidence that placement has occurred. For more information check the Mandatory placement requirements in the Implementation Guide. If an RTO intends to offer students the option to study CHC33021 Certificate III in Individual Support and award credit in the ageing and disability specialisations, the RTO and the school must ensure that students undertake placements in both the ageing and disability sectors equally over the minimum 120 placement hours. This requirement does not restrict RTOs from requiring more than the minimum placement hours. RTOs that offer combined delivery of CHC33021 Certificate III in Individual Support and HLT33021 Certificate III in Allied Health Assistance must ensure the placement, volume of learning and training package requirements for each qualification is achievable and provide comprehensive advice to schools on the total time commitment for school students as part of their secondary school program. RTOs must provide a training and assessment strategy to the Department for Education, Student Pathways and Careers for approval. Note: only one AQF level III qualification is subsidised for school students. <p><i>Conditions that apply to either of these qualifications will continue to apply to a dual qualification delivery</i></p>		

Early Childhood and Education



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	CHC22015 Certificate II in Community Services	CHC30121 Certificate III in Early Childhood Education and Care ¹
12	CHC30121 Certificate III in Early Childhood Education and Care ¹	CHC30221 Certificate III in School Based Education Support ²
	Conditions:	<p>¹ <i>CHC30121 Certificate III in Early Childhood Education and Care:</i></p> <ul style="list-style-type: none"> Students must complete at least 160 hours of work placement as detailed in the Assessment Requirements of the units of competency. Students will need the following to attend work placements: <ul style="list-style-type: none"> Responding to Risks of Harm, Abuse and Neglect Department of Human Services Working with Children Check Vaccinations (Check with RTO on specific requirements). RTO is required to provide the home school with evidence that placement has occurred. <p>² <i>CHC30221 Certificate III in School Based Education Support:</i> Students must complete at least 100 hours of work placement as detailed in the Assessment Requirements of the units of competency.</p> <p>For more information check the Mandatory placement requirements in the Implementation Guide.</p>

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Australian First Nation's Languages (Kurna)	10890NAT	Certificate II in Learning an Australian First Nation's Language	NAT10890001	Undertake language identification activities	25	145
			NAT10890002	Apply correct language pronunciation and spelling	60	
			NAT10890003	Source available language resources	30	
			NAT10890004	Express First Nation concepts of Country through language <i>Pre-requisite: NAT10890002</i>	30	
More Information						
<ul style="list-style-type: none"> FIP alignment: Early Childhood and Education 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Australian First Nation's Languages (Kurna)	10891NAT	Certificate III in Learning an Australian First Nation's Language	NAT10891001	Use grammatical features to compose phrases and sentences	70	160
			NAT10891002	Apply translation skills <i>Pre-requisites: NAT10891001, NAT10890002</i>	60	
			SITXLAN008	Conduct oral communication in a language other than English	30	
More Information <ul style="list-style-type: none"> To be eligible students must have completed the Introduction to Australian First Nation's Languages (Kurna) skills cluster Students must identify as Aboriginal FIP alignment: Early Childhood and Education 						
Advanced Education (School Based Support)	CHC30221	Certificate III in School Based Education Support	CHCEDS033	Meet legal and ethical obligations in an education support environment	35	152
			CHCEDS060	Work effectively with students and colleagues	50	
			CHCEDS061	Support responsible student behaviour	45	
			HLTAID012	Provide First Aid in an education and care setting	22	
More information <ul style="list-style-type: none"> FIP alignment: Early Childhood and Education 						
Advanced Early Childhood Education and Care	CHC30121	Certificate III in Early Childhood Education and Care	CHCECE055	Meet legal and ethical obligations in children's education and care	60	147
			CHCECE056	Work effectively in children's education and care	65	
			HLTAID012	Provide first aid in an education and care setting	22	
More information <ul style="list-style-type: none"> FIP alignment: Early Childhood and Education 						

Health Support



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	HLT33021 Certificate III in Allied Health Assistance *	HLT20121 Certificate II in Aboriginal and/or Torres Strait Islander Primary Health Care
12	HLT33115 Certificate III in Health Services Assistance **	HLT23221 Certificate II in Health Support Services HLT30121 Certificate III in Aboriginal and/or Torres Strait Islander Primary Health Care HLT33021 Certificate III in Allied Health Assistance * HLT33115 Certificate III in Health Services Assistance ** HLT35021 Certificate III in Dental Assisting HLT37015 Certificate III in Sterilisation Services HLT37215 Certificate III in Pathology Collection HLT37315 Certificate III in Health Administration HLT37415 Certificate III in Pathology Assistance
	Conditions:	<p>* <i>HLT33021 Certificate III in Allied Health Assistance:</i></p> <ul style="list-style-type: none"> Students must complete at least 120 hours of clinical work placement as detailed in the Assessment Requirements of the units of competency. RTOs that offer combined delivery of CHC33021 Certificate III in Individual Support and HLT33021 Certificate III in Allied Health Assistance, must ensure the placement, volume of learning and training package requirements for each qualification is achievable and provide comprehensive advice to schools on the total time commitment for school students as part of their secondary school program. RTOs must provide a training and assessment strategy to the Department for Education, Student Pathways and Careers for approval. <i>Note: only one AQF level III qualification is subsidised for school students.</i> <p>** <i>HLT33115 Certificate III in Health Services Assistance:</i></p> <ul style="list-style-type: none"> For the specialisation 'Assisting in nursing work in acute care', students must complete at least 80 hours of work placement as detailed in the Assessment Requirements of the units of competency. For more information check the Mandatory placement requirements in the Implementation Guide. <p>Students will need the following to attend work placements:</p> <ul style="list-style-type: none"> Police Check (check with RTO on specific requirements) Working with Children Check Vaccinations (check with RTO on specific requirements). <p>The RTO is required to provide the home school with evidence that placement has occurred.</p>

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Allied Health	HLT33115	Certificate III in Health Services Assistance	BSBMED301	Interpret and apply medical terminology appropriately	60	160
			CHCCCS010	Maintain a high standard of service	30	
			HLTAAP001	Recognise healthy body systems	70	
<p>More information</p> <ul style="list-style-type: none"> FIP alignment: Health Support 						

Sport and Fitness



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11		SIS20122 Certificate II in Sport and Recreation
12		SIS20221 Certificate II in Sport - Developing Athlete SIS30122 Certificate III in Sport, Aquatics and Recreation SIS30321 Certificate III in Fitness SIS30421 Certificate III in Sport - Athlete SIS30521 Certificate III in Sport Coaching

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Fitness, Sport and Recreation	SIS20122	Certificate II in Sport and Recreation	HLTWHS001	Participate in workplace health and Safety	20	105
			SISOFLD001	Assist in conducting recreation	30	
			SISXFAC006	Maintain activity equipment	5	
			SISXIND011	Maintain sport, fitness and recreation industry knowledge	50	
Advanced Fitness (Client Screening)	SIS30321	Certificate III in Fitness	SISFFIT032	Complete pre-exercise screening and service orientation	20	145
			SISFFIT033	Complete client fitness assessments	30	
			SISFFIT052	Provide healthy eating information	55	
			CHCDIV001	Work with diverse people	40	
	More Information					
<ul style="list-style-type: none"> FIP alignment: Sport and Fitness 						
Advanced Gym Based Programs for Individual Clients	SIS30321	Certificate III in Fitness	SISFFIT040	Develop and instruct gym-based exercise programs for individual clients	50	150
			SISFFIT047	Use anatomy and physiology knowledge to support safe and effective exercise	100	
	More Information					
<ul style="list-style-type: none"> FIP alignment: Sport and Fitness 						

Skill Sets

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
CHCSS00088 Induction Skill Set (CHC)	HLT21020	Certificate II in Medical Service First Response	CHCCOM005	Communicate and work in health or community services	30	120
			CHCDIV001	Work with diverse people	40	
			HLTWHS002	Follow safe work practices for direct client care	25	
			HLTWHS006	Manage personal stressors in the work environment	25	
<p>Application of this Skill Set</p> <p>This Skill Set reflects the skill requirements for people entering the health and community services sector. It provides a set of skills to support the induction of new workers into a variety of roles. Work is supervised and may involve working directly or indirectly with clients.</p>						
CHCSS00114 Entry into Care Roles Skill Set	HLT21020	Certificate II in Medical Service First Response	CHCCCS015	Provide individualised support	30	90
			HLTINF006	Apply basic principles and practices of infection prevention and control	35	
			HLTWHS002	Follow safe work practices for direct client care	25	
<p>Application of this Skill Set</p> <p>This Skill Set addresses the skills and knowledge required to provide entry level support for basic client care for a range of roles and purposes required within the aged care and disability support sectors. The support provided in client care will be predominantly non-direct, with some basic direct client care, in order to maintain the safety of both the learner and client in care.</p>						
HLTSS00083 Infection Prevention and Control Skill Set	HLT23221	Certificate II in Health Support Services	HLTINF006	Apply basic principles and practices of infection prevention and control	35	35
			<p>Application of this Skill Set</p> <p>A set of skills to follow organisational infection prevention and control policies and procedures, including implementing standard and transmission-based precautions and responding to infection risks in the workplace.</p> <p>Stack this Skill Set with:</p> <p>Skills Clusters: Advanced Allied Health</p>			
SISSS00132 Swimming and Water Safety Teacher Skill Set	SIS30122	Certificate III in Sport, Aquatics and Recreation	SISCAQU020	Perform water rescues	10	85
			SISCAQU023	Plan swimming lessons	15	
			SISCAQU024	Teach water familiarisation, buoyancy and mobility skills	20	
			SISCAQU025	Teach water safety and survival skills	20	
			SISCAQU026	Teach swimming strokes	20	
<p>Application of this Skill Set</p> <p>This Skill Set teaches swimming and water safety, and to rescue others in the water when needed.</p> <p>Stack this Skill Set with:</p> <p>Skill Sets: BSBSS00095 Cross-Sector Infection Control Skill Set; BSBSS00103 New Business Ventures Skill Set; CHCSS00088 Induction Skill Set</p> <p>Skills Clusters: First Aid 1; Introduction to Barista; Advanced Fitness (Client Screening)</p> <p>More Information</p> <ul style="list-style-type: none"> • Students must be 16 years or over • Students must complete at least 20 hours of work placement as detailed in the Assessment Requirements of the units of competency. • Pre-requisite unit: HLTAID011 Provide First Aid (First Aid 3) • Students must have a WWCC clearance 						



Entry Level Jobs in Early Educators, Health, Human Services, Sport and Recreation

ANZSCO Code	Role
423111	Aged or Disability Support Worker
421111	Early Childhood Educator
422116	School Services Officer
421114	Outside School Hours Care Educator
423312	Nursing Support Worker
423314	Therapy Aide
423211	Dental Assistant
422111	Aboriginal and Torres Strait Islander Education Worker
4523	Sports Coaches, Instructors and Officials
452111	Fitness Instructor

Aged or Disability Support Worker

Provides general household assistance, emotional support, care and companionship for aged or disabled people in their own homes.



ANZSCO Code – 423111

Technical Skills

Top 6 tasks of the role

- Administer health care, medical treatments or medical procedures
- Prepare or present simple dishes or meals
- Cook foods
- Teach hygiene practices
- Assist individuals with accessibility needs
- Support individuals with diverse needs to understand, access and utilise information or services



Core Competency Level

Employability and language, literacy and numeracy skills



Early Childhood Educator



Provides care and supervision for children in programs, such as long day care and occasional care, in childcare centres, hospitals and educational centres.

ANZSCO Code — 421111

Technical Skills

Top 6 tasks of the role

Supervise babies, toddlers or young children

Discuss child development and behaviour with parents or guardians

Plan educational activities

Assist individuals with accessibility needs

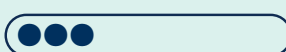
Perform administrative or clerical tasks

Record and maintain customer or client information

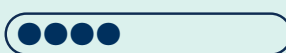


Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

School Services Officer



Assists teaching staff in preparing teaching materials and with general classroom tasks

ANZSCO Code — 422116

Technical Skills

Top 6 tasks of the role

Assist other educational professionals with projects or research

Distribute instructional or library materials

Collaborate with other teaching professionals to develop educational programs

Provide for basic physical, emotional, and social needs and wellbeing of children

Accompany individuals or groups to activities

Supervise school or student activities

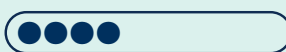


Core Competency Level

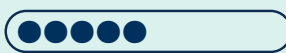
Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative & innovation



Oral communication



Reading



Learning



Planning & organising



Teamwork

Outside School Hours Care Educator



Provides care for school age children in an out of school hours care program.

ANZSCO Code — 421114

Technical Skills

Top 6 tasks of the role

- Supervise babies, toddlers or young children
- Plan and lead experiential learning activities
- Organise recreational activities or events
- Monitor health or behaviour of people
- Arrange childcare or educational settings to ensure physical and emotional safety and wellbeing of children
- Teach or promote the development of living skills, behaviours, or strategies



Core Competency Level

Employability and language, literacy and numeracy skills



Nursing Support Worker



Provides limited patient care under the direction of nursing staff.

ANZSCO Code — 423312

Technical Skills

Top 6 tasks of the role

- Assist patients with hygiene or daily living activities
- Record vital statistics or other health information
- Position patients for treatment, procedures, or examination
- Feed patients
- Clean and sanitise patient rooms or patient treatment rooms
- Stock or store items, goods, materials or resources



Core Competency Level

Employability and language, literacy and numeracy skills



Therapy Aide

Assists therapists in providing therapy programs and in the direct care of their patients in a variety of health, welfare and community settings.



ANZSCO Code — 423314

Technical Skills

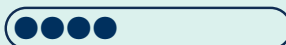
Top 6 tasks of the role

- Teach medical procedures or the use of medical equipment
- Perform non-surgical therapeutic procedures
- Clean and sanitise patient rooms or patient treatment rooms
- Position patients for treatment, procedures, or examination
- Teach exercise or fitness techniques
- Collaborate with other professionals to assess client needs or plan treatments



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Dental Assistant

Prepares patients for dental examination and assists Dental Practitioners, Hygienists and Therapists in providing care and treatment.



ANZSCO Code — 423211

Technical Skills

Top 6 tasks of the role

- Construct customised assistive devices
- Maintain medical records
- Clean medical equipment or facilities
- Prepare patients for medical procedures
- Sterilise equipment or instruments
- Assist health care practitioners during examinations, treatments, or procedures



Core Competency Level

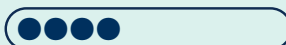
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising

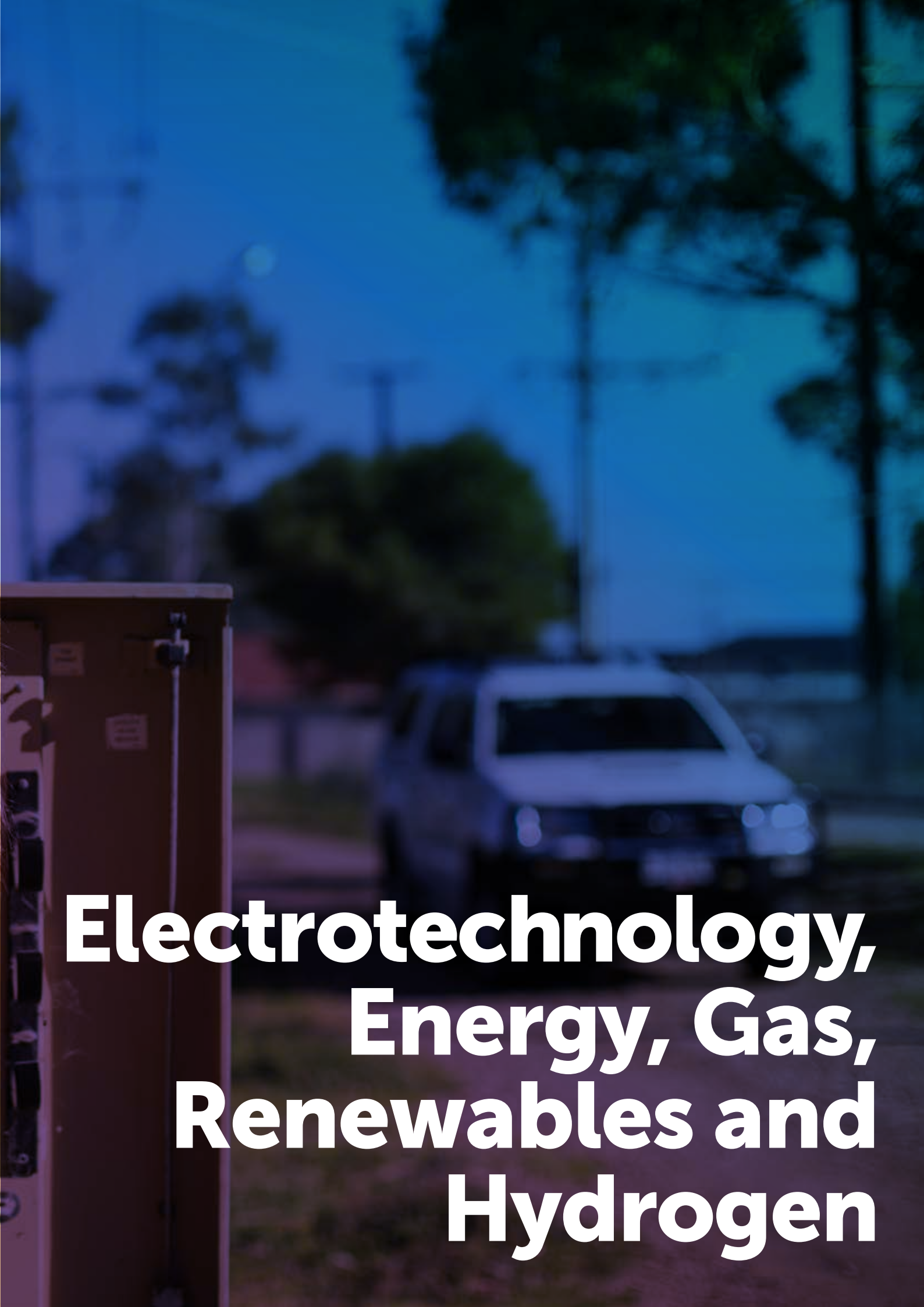


Initiative & innovation



Teamwork





**Electrotechnology,
Energy, Gas,
Renewables and
Hydrogen**

Electrotechnology, Energy, Gas, Renewables and Hydrogen

Includes the following industry sectors:

Electricity Generation or Supply

The production, transmission, and distribution of electricity to meet the energy needs of consumers. This industry encompasses various energy sources, including fossil fuels (such as coal, natural gas, and oil), renewable energy (such as solar and wind). Key components of this industry include power plants, transmission lines, substations, and distribution networks. Electricity generation involves converting energy from these sources into electrical power through turbines, generators, and other technologies. Transmission lines transport electricity over long distances from power plants to distribution substations, while distribution networks deliver electricity to homes, businesses, and industrial facilities.

Electrotechnology

The design, manufacturing, installation, and maintenance of electrical and electronic systems, equipment, and devices. This industry plays a crucial role in powering modern society and supporting various sectors. Key aspects of the electrotechnology industry include electrical engineering, electronics, telecommunications, automation, and renewable energy technologies. Electrotechnology professionals work with a wide range of equipment and systems, including power generation and distribution systems, electrical wiring, control systems, electronic devices, telecommunications networks, and renewable energy systems.

Gas Supply

The production, transmission, distribution, and sale of natural gas to consumers for various purposes, including heating, cooking, electricity generation, and industrial processes. This sector encompasses activities such as exploration and extraction of natural gas reserves, pipeline transportation, storage facilities, and retail distribution to residential, commercial, and industrial customers. Key players in the gas supply sector include gas producers, pipeline operators, gas utilities, and retail gas suppliers. Natural gas is a significant source of energy globally, valued for its relatively low cost, cleanliness, and versatility.

New Energy Technology including Renewables

The development, deployment, and utilisation of innovative technologies to generate, store, and distribute energy from renewable sources. This sector encompasses various renewable energy sources such as solar, wind, hydroelectric, biomass, geothermal, and tidal energy. Key aspects of this sector include research and development, manufacturing, installation, and operation of renewable energy systems and technologies. Renewable energy technologies offer significant environmental benefits, including reduced greenhouse gas emissions, improved air quality, and decreased reliance on fossil fuels.



Flexible Industry Programs

For school students that want to pursue a career in Electrotechnology, Energy, Gas, Renewables and Hydrogen the following Flexible Industry Programs are available as part of the secondary education program



Electrotechnology

Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	UEE22020 Certificate II in Electrotechnology (Career Start)	UEE20120 Certificate II in Split Air Conditioning and Heat Pump Systems UEE20720 Certificate II in Data and Voice Communications
12		UEE21920 Certificate II in Electronics UEE30220 Certificate III in Computer Systems Equipment UEE30620 Certificate III in Electrical Machine Repair UEE30820 Certificate III in Electrotechnology Electrician UEE30920 Certificate III in Electronics and Communications UEE31220 Certificate III in Instrumentation and Control UEE32120 Certificate III in Appliance Service UEE32220 Certificate III in Airconditioning and Refrigeration

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Electrotechnology: Electrician, Refrigeration / Air Conditioning	UEE22020	Certificate II in Electrotechnology (Career Start)	UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	20	80
			UEECD0009	Carry out routine work activities in an energy sector environment	40	
			UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	20	
Advanced Electrotechnology (Refrigeration and Air Conditioning)	UEE32220	Certificate III in Air Conditioning and Refrigeration	UEERA0059	Prepare and connect refrigerant tubing and fittings	40	80
			UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	20	
			UEERL0002	Attach cords, cables and plugs to electrical equipment for connection to 1000V a.c. or 1500V d.c.	20	
More Information <ul style="list-style-type: none"> Students must have completed a Certificate II in Electrotechnology (Career Start) FIP alignment: Electrotechnology 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Electrotechnology (Electrician)	UEE30820	Certificate III in Electrotechnology Electrician	UEECD0044	Solve problems in multiple path circuits	40	80
			UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	40	
<p>More information</p> <ul style="list-style-type: none"> • Students must have completed a Certificate II in Electrotechnology (Career Start) • FIP alignment: Electrotechnology 						

Entry Level Jobs in Electrotechnology, Energy, Gas, Renewables and Hydrogen

ANZSCO Code	Role
341111	Electrician (General)
342414	Telecommunications Technician
899914	Electrical or Telecommunications Trades Assistant
342111	Airconditioning and Refrigeration Mechanic
342314	Electronic Instrument Trades Worker (General)
342313	Electronic Equipment Trades Worker

Electrician (General)



Installs, tests, connects, commissions, maintains and modifies electrical equipment, wiring and control systems.

ANZSCO Code — 341111

Technical Skills

Top 6 tasks of the role

- Repair electrical circuits or wiring
- Install metering equipment
- Maintain electronic equipment
- Install electrical components, equipment or systems
- Repair electrical or electronic equipment
- Test electrical circuits, components, equipment, or systems for proper functioning



Core Competency Level

Employability and language, literacy and numeracy skills



Telecommunications Technician



Installs, maintains and repairs telecommunications equipment, such as mobile telephones, switchboards and data transmission equipment.

ANZSCO Code — 342414

Technical Skills

Top 6 tasks of the role

- Configure computer networks
- Repair electrical or electronic equipment
- Connect electrical components or equipment
- Install audio or communications equipment
- Troubleshoot equipment or systems operation problems
- Adjust equipment for optimal performance



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Airconditioning and Refrigeration Mechanic



Assembles, installs, maintains and repairs airconditioning and refrigeration systems and equipment.

ANZSCO Code — 342111

Technical Skills

Top 6 tasks of the role

- Install energy-efficient heating, ventilation or air conditioning (HVAC) equipment
- Operate material-moving equipment
- Document operational activities
- Adjust equipment for optimal performance
- Collect information about customer, client, or user needs or issues
- Repair or replace worn, damaged, or defective mechanical parts



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork



A person's hands are shown working on a metal frame in a factory setting. The person is using a tool to adjust or tighten a component on the frame. The background is dark and industrial, with a yellow safety barrier visible. The overall lighting is dim, with a blue and purple tint.

Manufacturing and Automotive

Manufacturing and Automotive

Includes the following industry sectors:

Automotive

The design, manufacturing, marketing, and sale of motor vehicles, including cars, trucks, buses, and motorcycles. It involves a complex network of companies and suppliers engaged in various stages of vehicle production, from research and development to assembly and distribution. Key aspects of the automotive industry include vehicle design, engineering, manufacturing processes, supply chain management, marketing, sales, and after-sales services such as maintenance and repair. The automotive industry is a significant contributor to global economic growth, employment, and technological innovation. It plays a crucial role in providing transportation solutions for individuals, businesses, and governments worldwide.

Engineering

A broad range of activities related to the design, development, construction, and maintenance of infrastructure, products, and systems. This sector includes various engineering disciplines such as civil, mechanical, electrical, chemical, aerospace, and software engineering, among others. Key aspects of the engineering industry include research and development, project management, technical design, testing, and quality assurance. Engineers play a crucial role in solving complex problems, innovating new technologies, and improving processes across diverse sectors, including construction, manufacturing, energy, transportation, healthcare, and telecommunications.

Food Product Manufacturing

Production, processing, and packaging of food and beverage products for consumption. This sector encompasses a wide range of activities, including sourcing raw materials, food processing, quality control, packaging, and distribution. Key aspects of the food product manufacturing sector include food safety and hygiene standards, adherence to regulatory requirements, and meeting consumer preferences and dietary needs. Food manufacturers produce a diverse array of products, including processed foods, dairy products, beverages, snacks, baked goods, and packaged foods.

Furniture Manufacturing

Design, production, and distribution of furniture products for residential, commercial, and institutional use. This sector encompasses a diverse range of activities, including sourcing raw materials, furniture design, fabrication, finishing, and assembly. Key aspects of the furniture manufacturing sector include craftsmanship, quality control, and adherence to design standards and safety regulations. Furniture manufacturers produce a variety of products, including sofas, chairs, tables, beds, cabinets, and office furniture.

Manufacturing

The production of goods through various processes, such as machining, fabrication, assembly, and finishing. This sector encompasses a wide range of activities, including designing, engineering, sourcing raw materials, production, quality control, and distribution of products. Key aspects of the manufacturing industry include efficiency, precision, quality assurance, and adherence to safety and regulatory standards. Manufacturing encompasses diverse sectors, such as automotive, aerospace, electronics, consumer goods, pharmaceuticals, and machinery, among others.

Medical Technology and Pharmaceuticals

The development, production, and distribution of medical devices, equipment, pharmaceuticals, and biotechnology products to diagnose, treat, and prevent diseases and health conditions. This sector encompasses a wide range of activities, including research and development, clinical trials, regulatory approval processes, manufacturing, distribution, and sales. Key aspects of this sector include innovation, safety, efficacy, and adherence to regulatory standards and quality control measures. Medical technology includes a variety of devices and equipment such as diagnostic imaging systems, surgical instruments, implantable devices, and monitoring devices. Pharmaceuticals encompass medications, vaccines, and biologics used for therapeutic purposes..

Textile, Leather, Clothing and Footwear Manufacturing

The production of textiles, leather goods, apparel, and footwear for various consumer and industrial applications. This sector encompasses a diverse range of activities, including fiber production, yarn spinning, fabric weaving or knitting, dyeing and printing, garment manufacturing, leather processing, and footwear production. Key aspects of this sector include design, sourcing of raw materials, manufacturing processes, quality control, and distribution. Textile manufacturers produce fabrics used in clothing, home furnishings, and industrial applications. Apparel manufacturers produce a wide range of clothing items, including outerwear, sportswear, and fashion apparel. Leather goods manufacturers produce leather products such as bags, wallets, belts, and accessories. Footwear manufacturers produce shoes, boots, sandals, and other footwear products.



Flexible Industry Programs

For school students that want to pursue a career in Manufacturing and Automotive, the following Flexible Industry Programs are available as part of the secondary education program

Automotive Retail, Service and Repair



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	AUR20520 Certificate II in Automotive Servicing Technology AUR20720 Certificate II in Automotive Vocational Preparation	AUR20220 Certificate II in Automotive Air Conditioning Technology AUR20420 Certificate II in Automotive Electrical Technology AUR20520 Certificate II in Automotive Servicing Technology AUR21220 Certificate II in Automotive Underbody Technology
12		AUR21920 Certificate II in Automotive Tyre Servicing Technology AUR30116 Certificate III in Automotive Administration AUR30220 Certificate III in Bicycle Workshop Operations AUR30320 Certificate III in Automotive Electrical Technology AUR30420 Certificate III in Agricultural Mechanical Technology AUR30520 Certificate III in Marine Mechanical Technology AUR30620 Certificate III in Light Vehicle Mechanical Technology AUR30720 Certificate III in Outdoor Power Equipment Technology AUR30820 Certificate III in Motorcycle Mechanical Technology AUR31020 Certificate III in Automotive Sales AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology AUR31220 Certificate III in Mobile Plant Technology AUR31316 Certificate III in Automotive Engine Reconditioning AUR31420 Certificate III in Automotive Diesel Fuel Technology AUR31520 Certificate III in Automotive Diesel Engine Technology AUR31820 Certificate III in Heavy Commercial Trailer Technology AUR32120 Certificate III in Automotive Body Repair Technology AUR32220 Certificate III in Automotive Glazing Technology AUR32320 Certificate III in Automotive and Marine Trimming Technology AUR32420 Certificate III in Automotive Refinishing Technology AUR32518 Certificate III in Automotive Underbody Technology AUR20920 Certificate II in Automotive Body Repair Technology

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Automotive	AUR10120	Certificate I in Automotive Vocational Preparation	AURFA002	Read and respond to automotive workplace information	10	75
			AURASA001	Apply automotive workplace safety fundamentals	10	
			AURLTA101	Identify automotive mechanical systems and components	25	
			AURLTJ113	Remove, inspect and refit light vehicle wheel and tyre assemblies	20	
			AURTTA002	Assist with automotive workplace activities	10	
Introduction to Automotive Parts Interpreting and Sales	AUR20720	Certificate II in Automotive Vocational Preparation	AURASA102	Follow safe working practices in an automotive workplace	20	70
			AURETR103	Identify automotive electrical systems and components	25	
			AURLTA101	Identify automotive mechanical systems and components	25	

Transport and Manufacturing



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	MEA20418 Certificate II in Aeroskills	MEA20418 Certificate II in Aeroskills
12		MEA30118 Certificate III in Aircraft Surface Finishing MSF20322 Certificate II in Cabinet Making and Timber Technology MSF30122 Certificate III in Furniture Finishing MSF30322 Certificate III in Cabinet Making and Timber Technology MSF30422 Certificate III in Glass and Glazing MSF30822 Certificate III in Flooring Technology MSM20116 Certificate II in Process Manufacturing MSM21122 Certificate II in Recreational Vehicle Trade Pathways MSM30116 Certificate III in Process Manufacturing MSM30216 Certificate III in Surface Preparation and Coating Application MSM31022 Certificate III in Recreational Vehicle Service and Repair MSM31122 Certificate III in Recreational Vehicle Manufacturing MST30519 Certificate III in Leather Production PMB30121 Certificate III in Polymer Processing TLI20421 Certificate II in Supply Chain Operations TLI30321 Certificate III in Supply Chain Operations PMA30120 Certificate III in Process Plant Operations

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Fashion Design and Making	MST20722	Certificate II in Apparel, Fashion and Textiles	MSMWHS200	Work safely	30	90
			MSTAT2005	Sew materials by machine	60	
Introduction to Cabinet Making	MSF20322	Certificate II in Cabinet Making and Timber Technology	MSFFM2013	Use furniture making hand and power tools	40	144
			MSFFM2016	Join solid timber	8	
			MSFFM2017	Hand make timber joints	40	
			MSFFM2018	Operate basic static machines safely	56	
More Information						
<ul style="list-style-type: none"> FIP alignment: Transport and Manufacturing 						
Advanced Aeroskills Mechanical and Avionics A	MEA30222	Certificate III in Aeroskills (Mechatronics)	MEA201	Remove and install miscellaneous aircraft electrical hardware/ components	120	140
			MEA296	Use electrical test equipment in aviation maintenance activities	20	
More Information						
<ul style="list-style-type: none"> Students must have completed a Certificate II in Aeroskills FIP alignment: Transport and Manufacturing 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Aeroskills Mechanical and Avionics B	MEA30222	Certificate III in Aeroskills (Mechatronics)	MEA306	Remove and install engines and engine system components	80	180
			MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	100	
	More Information <ul style="list-style-type: none"> Students must have completed a Certificate II in Aeroskills FIP alignment: Transport and Manufacturing 					
Advanced Fashion	MST31022	Certificate III in Apparel, Fashion and Textiles	MSTAT3001	Produce technical drawings of garments	40	140
			MSTAT3007	Sew stretch knit garments	40	
			MSTAT3008	Embellish textile products	40	
			MSTGN3019	Interact with others in an apparel and textile design and production environment	20	
	More Information <ul style="list-style-type: none"> FIP alignment: Transport and Manufacturing 					

Engineering



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	MEM20422 Certificate II in Engineering Pathways	MEM20105 Certificate II in Engineering
12		MEM30119 Certificate III in Engineering – Production Systems MEM30219 Certificate III in Engineering – Mechanical Trade MEM30422 Certificate III in Engineering – Electronic Trade MEM30522 Certificate III in Engineering – Technical MEM30719 Certificate III in Marine Craft Construction MEM30819 Certificate III in Locksmithing MEM31322 Certificate III in Refrigeration and Air Conditioning MEM31922 Certificate III in Engineering – Fabrication Trade MEM31322 Certificate III in Refrigeration and Air Conditioning MEM31419 Certificate III in Engineering – Fixed and Mobile Plant Mechanic MEM31519 Certificate III in Engineering – Toolmaking Trade MEM31719 Certificate III in Engineering – Casting and Moulding Trade

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Engineering	MEM30522	Certificate III in Engineering – Technical	MEM09201	Work effectively in an engineering drafting workplace	20	140
			MEM09229	Read and interpret technical engineering drawings	40	
			MEM30012	Apply mathematical techniques in a manufacturing engineering or related environment	40	
			MEM30031	Operate computer-aided design (CAD) system to produce basic drawing elements	40	
More Information <ul style="list-style-type: none"> FIP alignment: Engineering 						

Forestry



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11		FWP20122 Certificate II in Forest Operations
12		FWP20322 Certificate II in Timber and Wood Products Operations FWP30122 Certificate III in Forest Operations FWP30322 Certificate III in Timber and Wood Products Operations FWP30622 Certificate III in Timber Building Products Supply FWP30920 Certificate III in Timber Frame or Truss Manufacture FWP31021 Certificate III in Saw Technology FWP31121 Certificate III in Wood Machining

Skill Sets

For school students that want to further enhance their skills as part of their chosen pathway, the following national skill sets are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
FWPSS00063 Entry into Forestry Roles Skill Set	FWP20122	Certificate II in Forest Operations	FWPHAR2210	Operate a forest machine simulator in a virtual environment	60	180
			FWPCOR2211	Develop knowledge of the forest and wood products industry	50	
			FWPCOR2210	Follow workplace health and safety policies and procedures in forest and wood products operations	30	
			FWPCOR2208	Communicate and interact effectively in the forest and wood products industry	40	
<p>Application of this Skill Set</p> <p>This skill set provides the skills and knowledge in basic specialised and non-specialised forest and wood products industry operations and features, as well as health and safety and communication, preparing individuals for starting a career in forestry.</p> <p>More Information</p> <ul style="list-style-type: none"> FIP alignment: Forestry 						

Entry Level Jobs in Manufacturing and Automotive

ANZSCO Code	Role
321211	Light Vehicle Technician
324111	Vehicle Body Repair Technician
321212	Heavy Vehicle Technician
323111	Aircraft Maintenance Engineer (Avionics)
323315	Saw Doctor
843111	Forestry Worker
839412	Sawmill or Timber Yard Worker
8994	Motor Vehicle Parts and Accessories Fitters
899415	Tyre Fitter
321111	Automotive Electrician

Light Vehicle Technician



Maintains, tests and repairs petrol engines and the mechanical parts of lightweight motor vehicles such as transmissions, suspension, steering and brakes.

ANZSCO Code — 321211

Technical Skills

Top 6 tasks of the role

Inspect mechanical components of vehicles to identify problems

Replace or repair non-engine automotive or vehicle components

Service vehicles

Inspect vehicles to determine overall condition

Clean work areas

Maintain vehicles in good working condition



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Vehicle Body Repair Technician



Repairs damage to metal, fibreglass and plastic body work on vehicles and forms replacement vehicle panels.

ANZSCO Code — 324111

Technical Skills

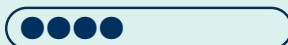
Top 6 tasks of the role

- Remove dents from equipment, materials tools or structures
- Smooth surfaces of objects, structures, or equipment
- Prepare compounds or solutions to be used for repairs
- Cut materials according to specifications or needs
- Inspect completed work to ensure proper installation or functioning
- Apply paint



Core Competency Level

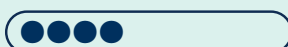
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



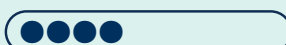
Numeracy



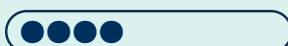
Reading



Problem solving



Learning



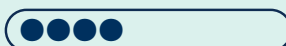
Writing



Planning & organising



Initiative & innovation



Teamwork

Heavy Vehicle Technician



Maintains, tests and repairs diesel motors and the mechanical parts of trucks, buses and other heavy vehicles such as transmissions, suspension, steering and brakes

ANZSCO Code — 321212

Technical Skills

Top 6 tasks of the role

- Inspect mechanical components of vehicles to identify problems
- Replace or repair non-engine automotive or vehicle components
- Adjust vehicle components according to specifications
- Adjust equipment for optimal performance
- Operate cranes, hoists, winches, or other moving or lifting equipment
- Monitor equipment or machinery operation to ensure proper functioning or detect issues



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Aircraft Maintenance Engineer (Avionics)



Inspects, tests, aligns, repairs and installs aircraft electrical and avionic system components. Registration or licensing may be required.

ANZSCO Code — 323111

Technical Skills

Top 6 tasks of the role

Install electrical components, equipment or systems

Test electrical circuits, components, equipment, or systems for proper functioning

Inspect or test aircraft or aircraft components, systems, or equipment

Assemble electrical components, subsystems or systems

Repair or replace worn, damaged, or defective mechanical parts

Inspect or test equipment or systems to ensure safety or proper functioning



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Saw Doctor



Repairs, sets and sharpens blades for circular, band and other saws.

ANZSCO Code — 323315

Technical Skills

Top 6 tasks of the role

Sharpen cutting or grinding tools

Maintain work equipment or machinery

Repair or replace worn, damaged, or defective mechanical parts

Fabricate products, parts, or components

Assemble metal parts, products, or structures

Operate industrial equipment



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



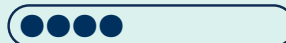
Writing



Planning & organising



Initiative & innovation



Teamwork

Forestry Worker



Assists with cultivating, maintaining and protecting forests.

ANZSCO Code — 843111

Technical Skills

Top 6 tasks of the role

- Transport animals, crops, or equipment
- Operate forestry, hunting or agricultural equipment
- Perform bush firefighting activities
- Install irrigation or drainage systems
- Advise others on farming or forestry operations, regulations or equipment
- Sort forestry or agricultural materials or products



Core Competency Level

Employability and language, literacy and numeracy skills



Sawmill or Timber Yard Worker



Performs routine tasks in a sawmill or timber yard such as sorting and stacking timber, assisting timber machinists, assembling orders and racking offcuts.

ANZSCO Code — 839412

Technical Skills

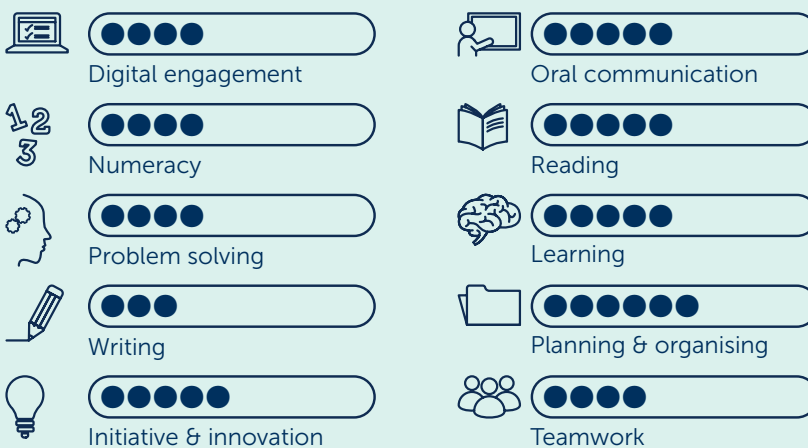
Top 6 tasks of the role

- Move timber or wood products and materials between work areas
- Package materials or products for storage, shipment or transport
- Assist machine operators
- Sort materials or products for processing, storing, shipping or grading
- Clean work areas
- Record operational or production data



Core Competency Level

Employability and language, literacy and numeracy skills





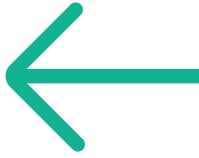
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BEAUTY

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BEAUTY



Retail, Tourism, Hospitality and Personal Services

Retail, Tourism, Hospitality and Personal Services



Includes the following industry sectors:

Beauty Services

Services aimed at enhancing personal appearance, grooming, and well-being. This sector includes services such as hair care, skincare, makeup, nail care, spa treatments, and cosmetic procedures. Key aspects of the beauty services sector include providing professional services, using high-quality products, and tailoring treatments to meet individual needs and preferences. Beauty professionals, including hairstylists, aestheticians, makeup artists, nail technicians, and spa therapists, play a crucial role in delivering these services.

Funeral Services

Services related to the care, preparation, and commemoration of deceased individuals. This sector includes funeral homes, crematories, cemeteries, and related businesses. Key aspects of the funeral services sector include arranging and conducting funeral ceremonies, embalming and preparing bodies for burial or cremation, coordinating transportation, and assisting families with paperwork and logistics during the mourning process. Funeral directors and staff play a crucial role in providing compassionate support to grieving families and ensuring that funeral arrangements meet their cultural, religious, and personal preferences.

Hairdressing/Barbering

Providing professional grooming and styling services for hair care and beard grooming. This industry includes hair salons, barber shops, and freelance stylists/barbers. Key aspects of the hairdressing/barbering industry include cutting, colouring, styling, and treating hair, as well as providing shaving and beard grooming services for men. Hairdressers and barbers play a crucial role in helping clients achieve their desired hair and grooming styles while providing personalised advice and recommendations.

Hospitality

A wide range of businesses and services that provide accommodation, dining, entertainment, and leisure experiences to guests and customers. This sector includes hotels, restaurants, bars, cafes, resorts, casinos, theme parks, cruise lines, and event venues. Key aspects of the hospitality sector include delivering high-quality customer service, creating welcoming and comfortable environments, and providing memorable experiences for guests. Hospitality professionals, including hotel staff, chefs, servers, bartenders, concierge, and entertainment personnel, play a crucial role in ensuring guest satisfaction and loyalty.

Retail

The sale of goods and services to consumers for personal or household use. This sector includes a wide variety of establishments such as department stores, specialty stores, supermarkets, convenience stores, e-commerce platforms, and franchised outlets. Key aspects of the retail industry include merchandise selection, pricing, promotion, customer service, and distribution. Retailers play a crucial role in connecting producers or wholesalers with end consumers, offering convenience, choice, and accessibility to a diverse range of products.

Tourism

The travel for leisure, recreation, or business purposes, as well as the activities and services associated with accommodating and entertaining travellers. This sector encompasses a wide range of businesses and services, including transportation (such as airlines, cruises, trains, and rental cars), accommodation (such as hotels, resorts, vacation rentals, and campgrounds), food and beverage services (such as restaurants, cafes, and bars), attractions (such as theme parks, museums, and landmarks), and tour operators. Key aspects of the tourism industry include destination marketing, hospitality services, tour planning, and customer experience management.



Flexible Industry Programs

For school students that want to pursue a career in Retail, Tourism, Hospitality and Personal Services, the following Flexible Industry Programs are available as part of the secondary education program



Hair and Beauty

Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	SHB20121 Certificate II in Retail Cosmetics SHB20216 Certificate II in Salon Assistant	SHB30121 Certificate III in Beauty Services SHB30321 Certificate III in Nail Technology
12		SHB30416 Certificate III in Hairdressing SHB30516 Certificate III in Barbering SFL30115 Certificate III in Floristry SFL20115 Certificate II in Floristry (Assistant)

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Retail	SIR20216	Certificate II in Retail	SIRXCEG001	Engage the customer	30	90
			SIRXCOM001	Communicate in the workplace to support team and customer outcomes	40	
			SIRXSLS001	Sell to the retail customer	20	
Introduction to Make Up	SHB20121	Certificate II in Retail Cosmetics	SHBBRES003	Research and apply beauty industry information	20	40
			SIRXIND003	Organise personal work requirements	20	
Advanced Make Up	SHB30221	Certificate III in Make-Up	SHBBMUP010	Design and apply make-up for photography	30	140
			SHBBMUP013	Design and apply creative make-up	50	
			SHBXCCS008	Provide salon services to clients	30	
			BSBESB304	Determine resource requirements for new business ventures	30	

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Beauty Services	SHB30121	Certificate III in Beauty Services	SHBBFAS004	Provide lash and brow services	30	160
			SHBBMUP008	Apply eyelash extensions	40	
			SHBBNLS007	Provide manicure and pedicure services	60	
			SHBBNLS011	Use electric file equipment for nail services	30	
More Information <ul style="list-style-type: none"> FIP alignment: Hair and Beauty 						
Advanced Creative Floristry	SFL30115	Certificate III in Floristry	SFLDEC006	Construct hand-tied floristry products	70	145
			SFLSOP003	Recognise flowers and plant material	45	
			SFLSOP010	Prepare quotations for floristry products	30	
More Information <ul style="list-style-type: none"> FIP alignment: Hair and Beauty 						

Hospitality and Tourism



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	SIT20322 Certificate II in Hospitality SIT20421 Certificate II in Cookery	CUA20520 Certificate II in Information and Cultural Services SIT20421 Certificate II in Cookery
12		SIT30122 Certificate III in Tourism SIT30222 Certificate III in Travel SIT30522 Certificate III in Events SIT30622 Certificate III in Hospitality SIT30821 Certificate III in Commercial Cookery

Skill Clusters

For students that wish to further engage in their pathway and develop additional skills, the following skill clusters are available:

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Introduction to Food and Beverage Service	SIT20322	Certificate II in Hospitality	SITHFAB027	Serve food and beverage	80	140
			SITHIND006	Source and use information on the hospitality industry	25	
			SITXCCS011	Interact with customers	20	
			SITXFSA005	Use hygienic practices for food safety	15	
Introduction to Hospitality (Cookery)	SIT20421	Certificate II in Cookery	SITHCCC024	Prepare and present simple dishes	25	85
			SITHCCC027	Prepare dishes using basic methods of cookery	45	
			SITXFSA005	Use hygienic practices for food safety	15	
Advanced Hospitality (Operations and Events)	SIT30622	Certificate III in Hospitality	SITEEVT022	Provide event production support	31	146
			SITEEVT023	Plan in-house events	40	
			SITXCCS014	Provide service to customers	25	
			SITXHRM007	Coach others in job skills	20	
			SITXWHS006	Identify hazards, assess and control safety risks	30	
More Information <ul style="list-style-type: none"> FIP alignment: Hospitality and Tourism 						

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
Advanced Hospitality (Back of House)	SIT30821	Certificate III in Commercial Cookery	SITHCCC035	Prepare poultry dishes	35	145
			SITHCCC037	Prepare seafood dishes	35	
			SITHCCC042	Prepare food to meet special dietary requirements	75	
	More Information					
<ul style="list-style-type: none"> Pre-requisites: SITXFSA005 Use hygienic practices for food safety; SITHCCC027 Prepare dishes using basic methods of cookery Students must have completed the Certificate II in Cookery (or Certificate II in Kitchen Operations) FIP alignment: Hospitality and Tourism 						
Advanced Patisserie	SIT31021	Certificate III in Patisserie	SITHCCC041	Produce cakes, pastries and breads	55	185
			SITHPAT015	Produce petits fours	30	
			SITHPAT016	Produce desserts	100	
	More Information					
<ul style="list-style-type: none"> Pre-requisite unit: SITXFSA005 Use hygienic practices for food safety Students must have completed a Certificate II in Hospitality or a Certificate II in Cookery (or Certificate II in Kitchen Operations) FIP alignment Hospitality and Tourism 						
Introduction to Tourism	SIT20122	Certificate II in Tourism	SITTIND003	Source and use information on the tourism and travel industry	25	80
			SITXCCS010	Provide visitor information	35	
			SITXCOM008	Provide a briefing or scripted commentary	20	
Advanced Tourism	SIT30222	Certificate III in Travel	SITTTVL001	Access and interpret product information	65	150
			SITTTVL002	Provide advice on international destinations	45	
			SITTTVL003	Provide advice on Australian destinations	40	
	More Information					
<ul style="list-style-type: none"> FIP alignment: Hospitality and Tourism 						



Skill Sets

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
SITSS00069 Food Safety Supervision Skill Set	SIT20322	Certificate II in Hospitality	SITXFSA005	Use hygienic practices for food safety	15	55
			SITXFSA006	Participate in safe food handling practices	40	
<p>Application of this Skill Set</p> <p>This Skill Set provides a set of skills to equip individuals in hygienic practices and handling food safely during the storage, preparation, display, service, and disposal of food.</p>						
<p>More Information</p> <ul style="list-style-type: none"> The unit SITXFSA005 is duplicated in the following Stackable VET: Introduction to Barista, Introduction to Food and Beverage Service, Introduction to Hospitality (Cookery) and SITSS00069 Food Safety Supervision Skill Set. FIP alignment: Hospitality and Tourism 						

Entry Level Jobs in Retail, Tourism, Hospitality and Personal Services

ANZSCO Code	Role
391111	Barber
391111	Hairdresser
451111	Beauty Therapist
351311	Chef
351411	Cook
4311	Bar Attendants and Baristas
621111	Cosmetic Sales Assistant
851311	Kitchenhand
149311	Conference and Event Organiser
431211	Café Worker

Barber

Provides barbering services, such as cutting, trimming, shampooing, and styling hair, trimming beards, or giving shaves



ANZSCO Code — 391111

Technical Skills

Top 6 tasks of the role

- Utilise hair removal techniques
- Trim clients' hair
- Style clients' hair
- Clean tools or instruments
- Clean work areas
- Collect information about customer, client, or user needs or issues



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Hairdresser

Cuts, styles, colours, straightens and permanently waves hair, and treats hair and scalp conditions.



ANZSCO Code — 391111

Technical Skills

Top 6 tasks of the role

- Trim clients' hair
- Style clients' hair
- Clean tools or instruments
- Clean work areas
- Collect information about customer, client, or user needs or issues
- Maintain financial or account records



Core Competency Level

Employability and language, literacy and numeracy skills



Beauty Therapist

Provides skin analyses, facial therapies, skin-care treatments and body treatments such as massage to clients.



ANZSCO Code — 451111

Technical Skills

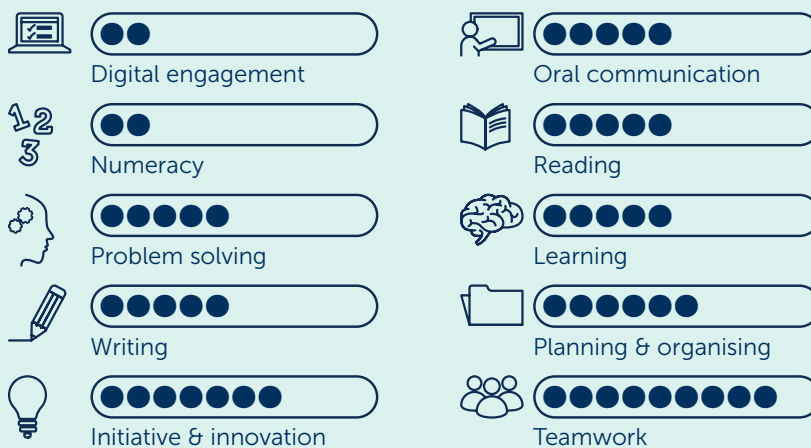
Top 6 tasks of the role

- Apply cleansing or conditioning agents to client hair, scalp or skin
- Assess skin or hair conditions
- Record and maintain customer or client information
- Provide cosmetic advice for clients
- Schedule appointments or meetings
- Clean tools or instruments



Core Competency Level

Employability and language, literacy and numeracy skills



Chef



Plans and organises the preparation and cooking of food in a dining or catering establishment.

ANZSCO Code — 351311

Technical Skills

Top 6 tasks of the role

Evaluate quality of food, drinks or ingredients

Train food preparation or food service staff

Coordinate food service or preparation activities

Inspect facilities, buildings, or sites

Create new recipes

Manage food service operations



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Cook



Prepares, seasons and cooks food in a dining or catering establishment.

ANZSCO Code — 351411

Technical Skills

Top 6 tasks of the role

Cook foods

Evaluate quality of food, drinks or ingredients

Monitor gauges, instruments, or displays

Prepare foods for processing, cooking and serving

Coordinate food service or preparation activities

Clean food preparation areas or facilities



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



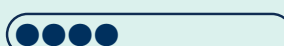
Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Bar Attendants and Baristas



Bar Attendants and Baristas prepare, mix and serve alcoholic and non-alcoholic drinks to patrons in bars in licensed establishments, and prepare and serve espresso coffee and other hot beverages to patrons in cafes, coffee shops and dining establishments.

ANZSCO Code – 4311

Technical Skills

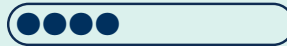
Top 6 tasks of the role

- Prepare hot or cold drinks
- Serve food or drinks
- Manage or process customer bills or payments
- Stock serving stations or dining areas with food or supplies
- Take orders for products, goods or services
- Clean food service implements or tableware



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Cosmetic Sales Assistant



Sells goods and services, such as cosmetics

ANZSCO Code – 621111

Technical Skills

Top 6 tasks of the role

- Apply cleansing or conditioning agents to client hair, scalp or skin
- Apply makeup
- Arrange delivery of goods or services
- Arrange services or reservations for others
- Assess skin or hair conditions
- Clean tools or instruments



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork



A yellow robotic arm is the central focus, extending from the left side of the frame. It is positioned in a factory or industrial environment, with various mechanical parts and structures visible in the background. The entire image is covered with a dark blue gradient overlay, which makes the text stand out prominently. The text is located in the bottom right corner of the image.

Transport and Logistics

Transport and Logistics

Includes the following industry sectors:

Maritime

Activities related to the transportation of goods, passengers, and services via waterways, including oceans, seas, rivers, and lakes. This sector includes a wide range of industries such as shipping, ports, marine transportation, shipbuilding, offshore energy, fishing, and maritime tourism. Key aspects of the maritime sector include vessel operations, cargo handling, port infrastructure, maritime logistics, and maritime safety and security. The maritime industry plays a crucial role in facilitating global trade, connecting markets, and transporting goods efficiently and cost-effectively across the world.

Ports and Warehousing

The management, operation, and logistics of ports, terminals, and storage facilities involved in the movement and storage of goods. This sector includes activities such as cargo handling, storage, distribution, and transportation coordination. Key aspects of the ports and warehousing industry include ship docking and unloading, container handling, warehousing, inventory management, and freight forwarding. Ports serve as vital hubs for international trade, facilitating the movement of goods between countries and continents via maritime transportation. Warehousing facilities provide storage space for goods awaiting distribution or shipment, supporting supply chain management and logistics operations.

Rail

The transportation of passengers and freight via railway systems, including trains and associated infrastructure. This sector includes passenger rail services, freight rail operations, railway infrastructure development, maintenance, and management. Key aspects of the rail industry include track construction, locomotive and rolling stock maintenance, signalling systems, and train operations. Passenger rail services provide a vital mode of transportation for commuters, travellers, and urban transit systems, offering efficient, reliable, and environmentally friendly alternatives to road travel. Freight rail operations play a crucial role in transporting goods across long distances, supporting industries such as manufacturing, agriculture, and retail distribution.

Road Transport

The movement of passengers and goods via roadways, including highways, streets, and rural roads. This sector encompasses various activities such as passenger transportation, freight hauling, logistics operations, and vehicle maintenance. Key aspects of the road transport industry include trucking, bus services, taxi and ride services, courier and delivery services, and private vehicle ownership. Road transport provides essential mobility for individuals, businesses, and communities, facilitating daily commutes, leisure travel, and the movement of goods and services.

Transport and Logistics including Aviation

A broad range of activities involved in the movement of people, goods, and services across various modes of transportation, including air, land, sea, and rail. This sector includes passenger and freight transportation services, logistics operations, infrastructure development, and regulatory oversight. Key aspects of this sector include aviation, maritime shipping, road transport, rail transport, warehousing, freight forwarding, supply chain management, and distribution. The aviation sector involves airlines, airports, aircraft manufacturers, and related services, providing air travel for passengers and cargo transportation worldwide.



Flexible Industry Programs

For school students that want to pursue a career in Transport and Logistics, the following Flexible Industry Programs are available as part of the secondary education program

Maritime



Year	Qualifications for Institutional Delivery (off-the-job)	Traineeship / Apprenticeship (Contract of Training)
11	MAR20321 Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	MAR30821 Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal)
12		MAR30921 Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)

Skill Sets

Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total	
AVISS00080 Remotely Piloted Aircraft Observer Skill Set	AVI30219	Certificate III in Aviation (Cabin Crew)	AVIY0003	Operate aeronautical radio	30	70	
			AVIY0005	Apply situational awareness in remote pilot	5		
			TLIE1003	Participate in basic workplace communication	40		
	<p>Application of this Skill Set</p> <p>This Skill Set reflects the work required by people who operate aeronautical radio communications, apply situational awareness in remotely piloted aircraft systems (RPAS) operations, and participate in basic workplace communications as part of their role within RPAS aviation operational environments.</p> <p>Stack this Skill Set with:</p> <p>Skill Sets: AVISS00057 Remotely Piloted Aircraft Systems Observer Skill Set Skills Clusters: Advanced Business (Commerce); Advanced Chemicals; Advanced Aquaculture; Advanced Tourism; Advanced Website Development</p> <p>More Information</p> <ul style="list-style-type: none"> • Suitable for jobs in the Defence sector • Suitable for jobs in the Resources sector 						
AVISS00080 Remotely Piloted Aircraft Operations in Excluded Category Sub-2 kg Skill Set	AVI20219	Certificate II in Aviation (Ground Operations and Service)	AVIY0028	Operate remotely piloted aircraft in excluded category sub-2 kg operations	30	30	
	<p>Application of this Skill Set</p> <p>This Skill Set is applicable to remote pilots operating in excluded category sub-2 kg operations within Australian aviation environments. It provides the skills and knowledge required to perform the duties of remote pilots in a range of industry contexts.</p> <p>Stack this Skill Set with:</p> <p>Skill Sets: AVISS00057 Remotely Piloted Aircraft Systems Observer Skill Set Skills Clusters: Advanced Business (Commerce); Advanced Chemicals; Advanced Aquaculture; Advanced Tourism; Advanced Website Development</p> <p>More Information</p> <ul style="list-style-type: none"> • Suitable for jobs in the Defence sector • Suitable for jobs in the Resources sector 						
	MARSS00008 Shipboard Safety Skill Set	MAR10418	Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)	MARF027	Apply basic survival skills in the event of vessel abandonment	35	110
				MARF028	Follow procedures to minimise and fight fires on board a vessel	30	
MARF029				Meet work health and safety requirements	30		
MARF030				Survive at sea using survival craft	15		
<p>Application of this Skill Set</p> <p>This Skill Set reflects the work required by people who need to complete shipboard safety units of competency required by the Australian Maritime Safety Authority (AMSA).</p>							

Entry Level Jobs in Transport and Logistics

ANZCO Code	Role
231211	Master Fisher
899211	Deck Hand
231212	Ship's Engineer
231213	Ship's Master

Master Fisher



Controls a fishing vessel and fishing operations to catch and preserve fish, crustacea and molluscs.

ANZCO Code — 231211

Technical Skills

Top 6 tasks of the role

- Operate ships or other watercraft
- Monitor environment or environmental conditions to detect hazards and ensure safety
- Navigate water vessels
- Maintain water vessels or marine equipment
- Adjust routes or speeds as necessary
- Maintain operational records



Core Competency Level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning & organising



Initiative & innovation



Teamwork

Deck Hand



Performs maintenance and lookout tasks aboard a ship.

ANZCO Code — 899211

Technical Skills

Top 6 tasks of the role

- Maintain vehicle engines
- Secure watercraft to docks, wharves or other vessels
- Set up or position material handling equipment
- Maintain water vessels or marine equipment
- Load materials, cargo or equipment
- Monitor gauges, instruments, or displays



Core Competency Level

Employability and language, literacy and numeracy skills



Ship's Engineer



Controls and manages the operation and maintenance of a ship's plant and equipment.

ANZCO Code — 231212

Technical Skills

Top 6 tasks of the role

- Monitor engine operation or functioning
- Maintain vehicle engines
- Operate pumps, compressors, pumping systems, or pumping equipment
- Clean equipment, parts, or tools to maintain good working order
- Maintain operational records
- Maintain operational records



Core Competency Level

Employability and language, literacy and numeracy skills







Pre-employment Industry Licensing

Pre-employment Industry Licensing



Skills Cluster Title	Source Qualification Code	Source Qualification Name	Unit Code	Unit Title	Nominal Hours	Total
First Aid 1	HLT33115	Certificate III in Health Services Assistance	HLTAID009	Provide cardiopulmonary resuscitation	4	4
First Aid 2	HLT33115	Certificate III in Health Services Assistance	HLTAID010	Provide basic emergency life support	12	12
First Aid 3	HLT33115	Certificate III in Health Services Assistance	HLTAID011	Provide First Aid	18	18
White Card	CPC10120	Certificate I in Construction	CPCWHS1001	Prepare to work safely in the construction industry	6	6

Advanced Forklift Licence	TLI20421	Certificate II in Supply Chain Operations	TLILIC0003	Licence to operate a forklift truck	40	40
	More Information					
<ul style="list-style-type: none"> Students must be 18 years or over 						
Introduction to Barista	SIT20322	Certificate II in Hospitality	SITHFAB025	Prepare and serve espresso coffee	30	45
			SITXFSA005	Use hygienic practices for food safety	15	



Tabeel Trading
MOUNT GAMBIER



LONG VEHICLE

SY22FO

FIN

Pre-vocational Qualifications

Pre-vocational qualifications are usually delivered in year 10. They help students explore areas of interest and the VET environment. Pre-vocational qualifications also develop language, literacy and numeracy skills relevant to the workplace and specific industries.

Students would generally complete pre-vocational qualifications before commencing a FIP and could use the experience as evidence towards their VET Readiness Orientation (VETRO) requirements.



For institutional delivery. Endorsement is for full qualifications as listed below:

Code	Qualification
10890NAT	Certificate II in Learning an Australian First Nation's Language
10891NAT	Certificate III in Learning an Australian First Nation's Language
11041NAT	Certificate II in Further Study Skills
ACM10121	Certificate I in Animal Care Industry Pathways
AHC10120	Certificate I in Conservation and Ecosystem Management
AHC10222	Certificate I in Agriculture
AHC10322	Certificate I in Horticulture
AHC10422	Certificate I in Permaculture
AUR10120	Certificate I in Automotive Vocational Preparation
AVI10119	Certificate I in Aviation (Foundation Skills)
BSB20120	Certificate II in Workplace Skills
CHC14015	Certificate I in Active Volunteering
CPC10120	Certificate I in Construction
CUA10220	Certificate I in Aboriginal and/or Torres Strait Islander Cultural Arts
FBP10121	Certificate I in Food Processing
FBP10221	Certificate I in Baking
FNS10120	Certificate I in Basic Financial Literacy
FSK10119	Certificate I in Access to Vocational Pathways
FSK10219	Certificate I in Skills for Vocational Pathways
FSK20119	Certificate II in Skills for Work and Vocational Pathways
MAR10220	Certificate I in Maritime Operations (General Purpose Hand Near Coastal)
MAR10418	Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)
MEM10222	Certificate I in Boating Services
MSM10216	Certificate I in Manufacturing (Pathways)
RGR10118	Certificate I in Racing (Stablehand)
RII10115	Certificate I in Resources and Infrastructure Operations
SFI10119	Certificate I in Seafood Industry
SIT10122	Certificate I in Tourism (Australian Indigenous Culture)
SIT10222	Certificate I in Hospitality
UEE10120	Certificate I in ElectroComms Skills
Source qualification: AHC20122 Certificate II in Agriculture	Introduction to Shearing (210 nominal hours) <ul style="list-style-type: none"> AHCLSK217 Apply animal welfare principles to handling and husbandry of livestock (40) AHCSHG205 Grind combs and cutters for machine shearing (20) AHCSHG206 Prepare handpiece and downtube for machine shearing (20) AHCSHG210 Undertake basic shearing and crutching (20) AHCWHS202 Participate in workplace health and safety processes (30) AHCWOL202 Perform board duties (80)





Where can I find more information?

-  studentpathways.sa.edu.au
-  education.pathways@sa.gov.au



**Government
of South Australia**
Department for Education