

# Student Pathways

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Government  
of South Australia

Department for Education

## VOCATIONAL EDUCATION AND TRAINING (VET)

Courses for school  
students as part  
of their senior  
secondary program







# Acknowledgement of Country

We acknowledge the traditional owners throughout South Australia and we pay respect to the custodians of the land on which we live and learn. We respect their spiritual relationship with Country and acknowledge that their cultural and heritage beliefs are still as important to those living today.

We pay our respects to Elders past, present and emerging and we acknowledge the cultural authority of Aboriginal people visiting from other areas of South Australia and Australia.

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# About this information

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

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

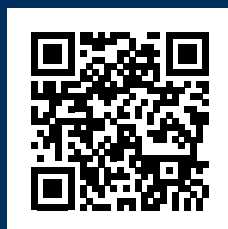
The VET courses have been endorsed by the South Australian Skills Commission as they are industry relevant and support skills development for the workplace.

Students can access industry-endorsed VET for school students 2 ways, either through a Flexible Industry Program (FIP) or via Stackable VET (including employment industry licensing, skills clusters and skill sets). There are also courses available through training contracts 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 June 27, 2025 12:48 PM.

Further information can be found at the Student Pathways website.



Endorsed by



**South  
Australian  
Skills**  
COMMISSION

# Vocational Education and Training for school students

## Flexible Industry Programs

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 that are appropriate for school students at Certificate II and III level, employability skills training, and specific industry requirements for the pathway.

FIPs may also include compulsory South Australian Certificate of Education (SACE) subjects and contextualised delivery of other school subjects, enabling students to complete 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:

- pre-vocational skills, work preparedness and the opportunity to explore different areas before committing to a pathway
- 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 generally complete pre-vocational qualifications before commencing a FIP and can use the experience as evidence towards their VET Readiness Orientation (VETRO) requirements.

### Skills clusters

Skills clusters comprise groupings 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 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



**1.2%**  
**Economic growth**

South Australia's Gross State Product increased 1.2% in 2023-24, following a rise of 3.6% in the previous year. Agriculture, Forestry and Fishing grew 6.3%, driven by rising demand for fruits, vegetables and livestock. Arts and Recreation Services rose 6.4%, thanks to record attendance at major sporting events. Mining was up 5.9% due to a positive metal ore environment, while Health Care and Social Assistance expanded 4.7% in response to increased demand for key health programs and services.

## 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 show 3 key services industries will account for nearly 75% of employment growth in the 5 years to 2028. These include Health Care and Social Assistance; Professional, Scientific and Technical Services; and Education and Training.

## Occupations in demand

Strong employment growth is projected for roles in Health Care, including registered nurses and allied health professionals, over the 5 years to 2028. Strong growth is also expected for specialist managers in areas including defence procurement, ICT managers, human resources and construction managers, and for STEM occupations such as software programmers and civil engineers.

## Qualifications needed

Over the 5 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 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**



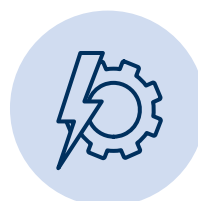
**Digital, Technology  
and Cyber Security**



**Education  
and Training**



**Health and Care**



**Renewable Energy  
and Hydrogen**



**Resources**



# Technical Colleges

## A head start to a hands-on career.

Five new technical colleges are being built across South Australia – 3 in metropolitan Adelaide and 2 in regional South Australia.

Technical colleges support students in years 10 to 12 to complete their SACE while undertaking vocational education and training (VET) in specialist designed facilities.

All learning is centred around an industry, designed and delivered in partnership with employers, with guaranteed career opportunities for graduates.

### Findon Technical College

Offers industry training programs in:

- Advanced Manufacturing and Engineering
- Early Childhood and Education
- Health and Social Support

### The Heights Technical College

Offers industry training programs in:

- Advanced Manufacturing and Engineering
- Aeroskills (for careers in aviation maintenance)
- Building and Construction
- Early Childhood and Education

### Tonsley Technical College

Offers industry training programs in:

- Advanced Manufacturing and Engineering
- Automotive and Energy
- Building and Construction

### Port Augusta Technical College

Offers industry training programs in:

- Civil, Resources and Infrastructure
- Health and Social Support
- Cookery and Tourism
- Multi-trades (for careers as plumbers, builders, electricians)

### Limestone Coast Technical College

Offers industry training programs in:

- Agri-tech (for careers in forestry, agriculture and manufacturing)
- Early Childhood and Education
- Health and Social Support
- Multi-trades (for careers as plumbers, builders, electricians)



# Tour a Technical College

Book a personalised tour to see how students gain hands-on industry training in a real work environment.



**Run weekly**



**Time**

Morning and afternoon sessions



**Year Levels**

Year 8-10



**Student Pathways and Careers  
Department for Education**



(08) 8226 0284



Education.Pathways@sa.gov.au

[technicalcolleges.sa.gov.au](https://technicalcolleges.sa.gov.au)



# Aboriginal Pathways

## Programs for Aboriginal secondary students

The Aboriginal Pathways statewide programs — the South Australian Aboriginal Secondary Training Academy (SAASTA), Workabout and Arts — inspire Aboriginal young people to believe in themselves to dream big and achieve their goals. The programs empower Aboriginal students by providing culturally relevant and engaging educational experiences, preparing them for future success in all areas of life.

Working in partnership with schools and communities, these SACE-aligned and accredited programs support and engage secondary Aboriginal learners. They provide opportunities in career exploration, discovery and immersion, supporting students to enter meaningful and successful pathways into further education, employment and training. High expectations of engagement and academic achievement are embedded in all programs, underpinned by cultural safety and responsiveness. Aboriginal culture, identity, community, connection and leadership are fundamental to the success of the programs.

## SAASTA program

The SAASTA program is a key component of the South Australian Department for Education's Aboriginal Education Strategy, recognised for its significant impact on Aboriginal student engagement and retention. The SAASTA program collaborates closely with schools to foster the ongoing success of Aboriginal students in secondary education. Providing culturally responsive curriculum and a safe learning environment. Available to students in years 7–12 across South Australia, the SAASTA program offers a unique educational experience deeply integrated with Aboriginal culture.

## Workabout program

The Workabout program provides tailored support for secondary Aboriginal learners towards successful pathways to further education, employment and training, including access to industry. With a cultural focus, the program educates Aboriginal students on work readiness and careers. Key components include the Aboriginal Pathways to Success, Immersion Week and the Next Steps year 12 transition programs. Students are supported on VET pathways with career education, guidance and advice, individually and in groups.

## Arts program

The Arts Program is a culturally safe and responsive program for Aboriginal students in years 10–12 who have an interest in the arts. The program provides secondary Aboriginal students with career discovery, exploration and immersion opportunities for pathways in the arts industry, consisting of:

### Aboriginal Pathways Creative Arts Course

- A SACE Stage 1 and 2 Creative Arts course exploring drama, dance, visual arts and music. Open to students in years 10–12.

### Bangarra Dance Theatre Rekindling Youth Program

- A creative dance program exploring Aboriginal cultures and the power of storytelling through dance. Students develop performance skills and dance creation in partnership with the Bangarra Dance Theatre. Open to students in years 7–12.

### Visual Arts Future Studios

- An immersive visual arts work experience program that nurtures students' creativity and practical skills within a professional art studio creating artwork towards an exhibition. The SACE Stage 1 and 2 accredited course provides students with an experience to explore career pathways in the arts industry, working with leading Aboriginal visual artists. Open to students in years 10–12.

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To learn more about Aboriginal Pathways programs for Aboriginal secondary students contact

[education.OriginalPathways@sa.gov.au](mailto:education.OriginalPathways@sa.gov.au)





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FUTURES

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# **Agribusiness, Food and Wine / Beverages**

# Agribusiness, Food and Wine / Beverages

## Includes the following industry sectors:

### Agriculture and Rural Production

Join a dynamic sector that plays a vital role in providing essential food, fibre and resources to meet the growing needs of populations worldwide. South Australian farmers lead the charge in global agricultural innovation, drawing on the rich resources of the state's incredible landscapes. Farming, forestry, fishing and innovative rural enterprises conduct a broad range of activities including cultivating resilient crops, rearing world-class livestock, sustainably harvesting timber and managing natural resources in South Australia's diverse rural areas.

### Animal Care and Management

Shape South Australia's animal care sector, from thoroughbreds to native wildlife. South Australia's growing animal care industries need skilled professionals who combine scientific knowledge with compassion for all animals. Working in the animal care industry will allow you to develop training programs for animals, provide veterinary services, conserve native species or support family pets.

### Conservation and Land Management

Cultivate a vibrant career in South Australia's horticulture sector, spanning premium vineyards to urban gardens. Develop Riverland citrus flavours or create drought-resistant landscapes. Combine science with creativity to build healthier communities and beautiful spaces across our diverse state where you can master high-tech hydroponics, employ sustainable growing practices and apply water conservation techniques.

### Food and Beverage Processing (including Wine)

Transform South Australia's premium produce into global taste sensations. From Barossa wines to Adelaide Hills cheeses, blend science with hands-on artistry to develop craft beers, perfect olive oils or grow export-quality Riverland citrus. Help to shape the future of food and drink worldwide by mastering fermentation, pasteurisation, packaging and quality control using cutting-edge technology combined with traditional methods.

### Forestry

Grow your future in South Australia's diverse forestry sector — from commercial pine plantations to native bushland. Join local professionals using innovative practices including remote sensing, aerial photo interpretation, drones and data loggers to protect ecosystems while meeting climate challenges through creating sustainable timber resources and vital carbon sinks. Experience a career where outdoor work, technology and environmental stewardship converge as you apply key skills in "reading the bush" to determine its history, and employ strong community engagement, collaboration and conflict management approaches.

### Horticulture

Cultivate a vibrant career in South Australia's horticulture sector, spanning premium vineyards to urban gardens. Develop Riverland citrus flavours or create drought-resistant landscapes. Employ innovations including high-tech hydroponics, sustainable growing practices and water conservation techniques, combine science with creativity to build healthier communities and beautiful spaces across our diverse state.

### Racing

Dive into South Australia's exciting thoroughbred racing industry, from Morphettville to country meets. Join innovative professionals dedicated to horse welfare in this dynamic field blending sporting tradition with modern practices. Build expertise in horse health, training methods, racing operations and emerging technologies to prepare elite equine athletes, manage race day operations or develop future champions.

### Seafood and Aquaculture

Carve out a career pathway in South Australia's world-class "blue economy", from Port Lincoln's tuna farms to Coffin Bay's oyster leases. Cultivate prized whiting, monitor Eyre Peninsula abalone farms, or develop premium oyster techniques. Master traditional fishing knowledge alongside cutting-edge aquaculture technology, balancing environmental stewardship with producing globally renowned seafood in our pristine waters.

# Flexible Industry Programs

For school students who 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	<b>VET for school students:</b> AHC20122 Certificate II in Agriculture AHC21216 Certificate II in Rural Operations AHC21316 Certificate II in Shearing AHC21416 Certificate II in Wool Handling AHC30122 Certificate III in Agriculture* AHC30224 Certificate III in Dairy Production AHC30422 Certificate III in Pork Production AHC30522 Certificate III in Poultry Production AHC31824 Certificate III in Beekeeping AHC32424 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
12		<b>Subsidised traineeships and apprenticeships:</b> AHC21124 Certificate II in Irrigation
	<b>Conditions</b>	* For institutional delivery of AHC30122 Certificate III in Agriculture: Students should commence this qualification in October of their year 10 so students experience 2 harvests.  The following units have been deemed unsuitable for school students. RTOs who hold Head Agreements will not offer these units as part of any qualification delivered institutionally: <ul style="list-style-type: none"> <li>AHCCOM205 Recognise and respond to fire emergencies on a composting site</li> <li>AHCMOM201 Operate two-wheel motorbikes</li> <li>AHCPMG304 Use firearms to humanely destroy animals</li> </ul>

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	AHCLSK222	Care for health and welfare of livestock	40	70
			AHCLSK224	Handle livestock using basic techniques	30	
Advanced Chemicals	AHC30122	Certificate III in Agriculture	AHCCHM307	Prepare and apply chemicals to control pest, weeds and diseases	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	<b>VET for school students:</b> ACM20121 Certificate II in Animal Care
12		ACM30122 Certificate III in Animal Care Services 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

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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
			ACMWHS301	Contribute to workplace health and safety processes	50	
			ACMGEN315	Communicate effectively with clients and team members	30	
<b>More information</b>						
• FIP alignment: Animal Care and Racing Industry						
Advanced Animal Care 2	ACM30122	Certificate III in Animal Care Services	ACMBEH302	Provide enrichment for animals	40	140
			ACMINF301	Comply with infection control policies and procedures in animal care work	60	
			ACMGEN304	Promote positive wellbeing in self and others in animal care workplaces	40	
<b>More information</b>						
• 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	
<b>More information</b>						
• 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	<b>VET for school students:</b> SFI20119 Certificate II in Aquaculture 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
	<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Aquaculture</li> </ul>					



# Conservation and Land Management



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	AHC20422 Certificate II in Horticulture	<b>VET for school students:</b> AHC20422 Certificate II in Horticulture AHC21024 Certificate II in Conservation and Ecosystem Management AHC30324 Certificate III in Rural and Environmental Pest Management AHC31424 Certificate III in Conservation and Ecosystem Management AHC31522 Certificate III in On Country Management
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	AHC21024	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	<b>VET for school students:</b> AMP20316 Certificate II in Meat Processing (Abattoirs) 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 <b>Subsidised traineeships and apprenticeships:</b> FBP20521 Certificate II in Wine Industry Operations FBP30921 Certificate III in Wine Industry Operations FBP20122 Certificate II in Food Processing
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Food Processing</li> </ul>						
Advanced Pastry and Biscuit Making	FBP30521	Certificate III in Baking	FBPRBK3004	Produce meringue products	60	140
			FBPRBK3009	Produce biscuit and cookie products	80	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Food Processing</li> </ul>						

# Horticulture



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	AHC20422 Certificate II in Horticulture	<b>VET for school students:</b> AHC20324 Certificate II in Production Horticulture AHC20422 Certificate II in Horticulture AHC20624 Certificate II in Parks and Gardens AHC20724 Certificate II in Nursery Operations AHC30624 Certificate III in Production Horticulture AHC30722 Certificate III in Horticulture AHC30824 Certificate III in Arboriculture AHC31024 Certificate III in Parks and Gardens AHC31124 Certificate III in Nursery Operations AHC31324 Certificate III in Sports Turf Management
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Horticulture</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Horticulture</li> </ul>						

# Skill sets

For school students who 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
<b>AHCSS00090</b> 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	
	<b>Application of this skill set</b> This skill set provides a range of basic skills appropriate for volunteer and casual workers engaged in the sports turf industry.					
<b>FBPSS00025</b> 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	
	<b>Application of this skill set</b> This skill set addresses the entry-level skills required by individuals working in cellar operations (wine making) within the wine industry.					
<b>Stack this skill set with:</b> Skill sets: BSBSS00095 Cross-Sector Infection Control Skill Set						
<b>FBPSS00007</b> 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
8415	Livestock Farm Workers
3611	Animal Attendants and Trainers
3613	Veterinary Nurses
234314	Park Ranger
362211	Gardener (General)
831118	Winery Cellar Hand
351111	Baker
841516	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 — 8415

### 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 maintenance tasks

### Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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



# Veterinary Nurse



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

ANZSCO code — 3613

## 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



# 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 and organising



Initiative and innovation



Teamwork

# Baker



Prepares and bakes bread loaves and rolls.

ANZSCO code — 351111

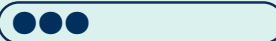
## Technical skills

### 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



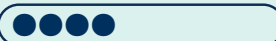
Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# Gardener (General)



Plants, cultivates and maintains parks and gardens.

ANZSCO code — 362211

## 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

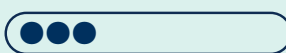
Plant crops, trees or other plants

Operate grounds maintenance equipment

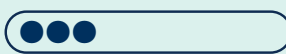
Design and plan outdoor layouts

## Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



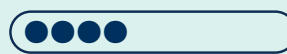
Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# Cellar Door Assistant



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

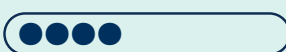
Adjust equipment controls to regulate flow of production

Package materials or products for storage, shipment or transport

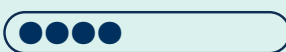
Load materials into equipment for use or processing

## Core competency level

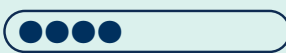
Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



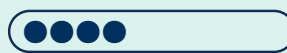
Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork





# Construction and Mining

# Construction and Mining

## Includes the following industry sectors:

### Architectural Services

Imagine shaping the world around you by planning, designing and creating buildings, landscapes and urban spaces. Dive into a dynamic sector where you can bring your ideas to life, from conceptualising and developing design proposals to overseeing construction and ensuring everything complies with building codes and regulations. As an architect, you collaborate with clients, engineers, contractors and other stakeholders to develop functional, aesthetic, and sustainable solutions that cater to the needs of users and communities.

### Building and Construction

Step into the world of creating and maintaining structures such as residential buildings, commercial complexes, infrastructure projects and industrial facilities. This exciting field invites you to engage in a variety of activities, including architectural and engineering design, procuring materials, managing projects, overseeing construction and providing post-construction services.

### Building Cleaning, Pest Control and Other Support Services

Ensure healthy and comfortable environments for people living and working in buildings, help to prevent the spread of diseases and protect property from costly damage caused by pests and neglect. This sector offers activities such as cleaning services, carpet and upholstery cleaning, window cleaning, pest control, waste management and facility maintenance.

### Engineering Design and Consulting Services

Collaborate with clients to develop innovative solutions, optimise designs and ensure projects across a wide range of industries meet regulatory requirements, safety standards and sustainability goals. This diverse sector offers many interesting specialisations including civil engineering, structural engineering, mechanical engineering, electrical engineering, environmental engineering and transportation engineering. Key activities include conducting feasibility studies, creating conceptual designs, performing detailed engineering, managing projects and ensuring quality assurance.

### Exploration and Other Mining Support Services

Delve into exploring mineral deposits, determining their economic viability and implementing efficient mining techniques. Engage in activities such as conducting geological surveys, prospecting, drilling, mapping, laboratory testing and providing consulting services to mining companies. Key aspects include planning exploration, analysing data, estimating resources, conducting environmental assessments and ensuring regulatory compliance.

### Fire and Security Services

Help to safeguard the community by protecting people, property and assets from risks such as fire, theft, vandalism and other security threats. This sector offers 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 involve conducting risk assessments, designing and installing systems, monitoring, maintaining and responding to incidents.

### Heavy and Civil Engineering Construction

Immerse yourself in the planning, design and construction of vital large-scale infrastructure projects that support economic development and enhance public safety and amenity, including roads, bridges, dams, railways, airports and utilities. This sector comprises a wide range of activities, including earthworks, structural engineering, foundation construction and utility installations. Key aspects include managing projects, preparing sites, procuring materials and operating equipment, drawing on skills in project management, problem solving and communication.



## Investigation and Security Services

Join a dynamic field where you play a crucial role in safeguarding public safety, preventing crime and mitigating losses due to theft, fraud, vandalism and other security breaches. This sector involves a variety of activities, including private investigation, security consulting, surveillance, background checks, cybersecurity and executive protection. Key services include conducting risk assessments, planning security measures, detecting threats, responding to incidents and managing crises.

## Land Development and Site Preparation Services

Step into a fascinating world where you transform raw land into usable and sustainable spaces for residential, commercial, industrial and infrastructure projects. Engage in activities that prepare land for construction and development, including land clearing, grading, excavation, soil stabilisation, drainage installation and utility infrastructure development. Key aspects of this sector involve land surveying, site planning, conducting environmental assessments and ensuring regulatory compliance.

## Mining

Extract valuable minerals, metals and other geological resources from the Earth's crust to supply raw materials to key sectors such as construction, manufacturing, energy production and technology. Engage in a wide range of activities, including exploration, extraction, processing and transportation of minerals. Key areas within mining include coal mining, metal ore mining (like gold, silver, copper and iron), non-metallic mineral mining (such as salt, gypsum and gravel) and energy minerals (including coal, oil and natural gas).





## Plumbing Services

Play a crucial role ensuring water, gas and waste is safely and efficiently managed in residential, commercial and industrial buildings. Engage in 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. 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

Join the fast-paced world of real estate where you facilitate transactions and manage properties across residential, commercial, industrial and institutional sectors. Engage in activities related to the acquisition, development, management and sale or rental of properties. This sector includes property management, real estate brokerage, leasing services, property valuation and real estate investment. Key roles include property owners, developers, landlords, real estate agents, property managers and real estate investment trusts (REITs). Key activities involve property marketing, tenant screening, lease negotiation, maintenance and financial management.

## Quarrying

Dive into extracting natural resources including stone, gravel, sand and other construction materials from quarries or open-pit mines for roads, bridges, buildings and other important infrastructure projects. These materials are vital for construction, infrastructure development, landscaping and manufacturing. Engage in operations that involve drilling, blasting and excavation including site preparation, material extraction, crushing, screening and transportation.

## Surveying and Mapping Services

Draw on your attention to detail to collect, analyse and present spatial data to support land development, infrastructure projects, environmental management, disaster response and natural resource management. Engage in a wide range of services, including land surveying, topographic mapping, cadastral mapping, aerial surveying, GIS (Geographic Information Systems) mapping and hydrographic surveying. Use specialised equipment and techniques to measure and record geographic features, boundaries, elevation and other spatial attributes of the Earth's surface.

## Water Supply and Treatment

Ensure the public has access to safe and reliable drinking water and preserve natural ecosystems by playing a vital role in managing, treating and distributing clean water. Engage in activities such as sourcing water from natural resources including rivers, lakes and groundwater, treating water to remove impurities and contaminants, and distributing treated water for domestic, industrial, agricultural and environmental uses. Additionally, manage wastewater treatment to safely dispose of and recycle used water, minimise environmental pollution and protect public health. Key aspects include water resource management, infrastructure maintenance, water quality monitoring and regulatory compliance.

# Flexible Industry Programs

For school students who 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	<b>VET for school students:</b> AHC30921 Certificate III in Landscape Construction CPC30120 Certificate III in Shopfitting 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 <b>Subsidised traineeships and apprenticeships:</b> FWP31220 Certificate III in Timber Systems Design
12		
	<b>Conditions</b>	Students will need to complete CPCWHS1001 Prepare to work safely in the construction industry (White Card) to go onto a building site.

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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
			AHPCPM204	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 Skills	CPC30220	Certificate III in Carpentry	CPCCCA2002	Use carpentry tools and equipment	96	144
			CPCCCA3002	Carry out setting out	24	
			CPCCOM3006	Carry out levelling operations	24	
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	
<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>						

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Advanced Wall and Floor Tiling</b>	CPC31320	Certificate III in Wall and Floor Tiling	CPCCCO2013	Carry out concreting to simple forms	20	140
			CPCCWF3002	Install floor tiles	120	
	<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>					
<b>Advanced Bricklaying and Blocklaying</b>	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	
	<b>More information</b> <ul style="list-style-type: none"> <li>Pre-requisite unit: CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry</li> <li>FIP alignment: Building and Construction</li> </ul>					

# Civil Construction, Resources and Infrastructure



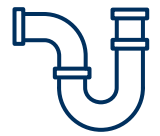
Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	RII20120 Certificate II in Resources and Infrastructure Work Preparation	<b>VET for school students:</b> RII20120 Certificate II in Resources and Infrastructure Work Preparation RII20720 Certificate II in Civil Construction 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 <b>Subsidised traineeships and apprenticeships:</b> RII20920 Certificate II in Drilling Operations
12		
	<b>Conditions</b>	Students will need to complete CPCWHS1001 Prepare to work safely in the construction industry (White Card) to go onto a building site.

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Introduction to Civil Construction</b>	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	
<b>Advanced Civil Construction</b>	RII30920	Certificate III in Civil Construction	RIIMPO317F	Conduct roller operations	80	158
			RIICRC307E	Conduct road pavement construction	24	
			RIICRC303E	Lay pavers	24	
			RIIIMG301E	Maintain site records	10	
			RIISAM204E	Operate small plant and equipment	20	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Civil Construction, Resources and Infrastructure</li> </ul>						

# 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	<b>VET for school students:</b> CPC32420 Certificate III in Plumbing CPC32620 Certificate III in Roof Plumbing CPC32720 Certificate III in Gas Fitting
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Advanced Plumbing</b>	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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Plumbing</li> </ul>						





# Entry-level jobs in Construction and Mining

ANZSCO code	Role
331111	Bricklayer
331212	Carpenter
821113	Civil Construction and Maintenance Worker
712211	Driller's Assistant
721211	Civil Construction Plant Operator
334111	Plumber
334115	Roof Plumber
821211	Concreter
362213	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

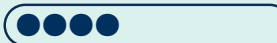
Clean surfaces before commencing work

### Core competency level

Employability and language, literacy and numeracy skills



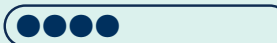
Digital engagement



Oral communication



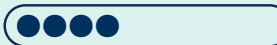
Numeracy



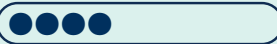
Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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

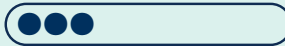
Install hardware or other interior or building fixtures

Operate woodworking equipment

Install trim or panelling

## Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# Civil Construction and Maintenance Worker

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



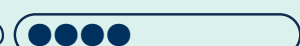
Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# Driller's Assistant

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



ANZSCO code — 712211

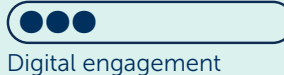
## Technical skills

### 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



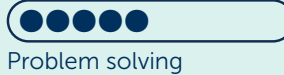
Oral communication



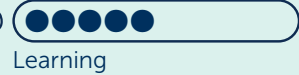
Numeracy



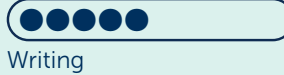
Reading



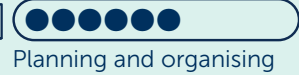
Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# Civil Construction 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

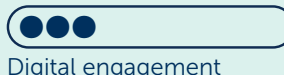
## Technical skills

### 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



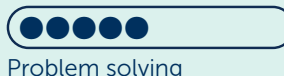
Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# Plumber



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, task 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

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## Includes the following industry sectors:

### Arts

Enrich individual lives and communities while promoting social cohesion when you immerse yourself in a diverse range of creative disciplines, including visual arts, performing arts, literary arts and interdisciplinary arts. Engage in creating, producing, presenting and sharing artistic works that express ideas, emotions and experiences through mediums such as painting, sculpture, music, dance, theatre, literature, film and digital media. The arts sector fosters cultural expression, creativity and innovation. Key aspects 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

Support businesses with a range of professional services including 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 strategic objectives. Key aspects include customised solutions tailored to client needs, quality assurance, regulatory compliance and ongoing support.

### Creative Industries

Play a significant role in driving economic growth, cultural enrichment and social innovation by crafting and commercialising creative content, products and services. The sector thrives on the creativity, skills and talents of individuals and businesses who produce original works or provide creative services across visual arts, performing arts, design, fashion, film, music, publishing, architecture, advertising, gaming and digital media. Collaboration, entrepreneurship and adaptability to new technology are essential for this industry, which prizes innovation, cultural expression and the fusion of artistry with commerce.

### Cultural and Related Services

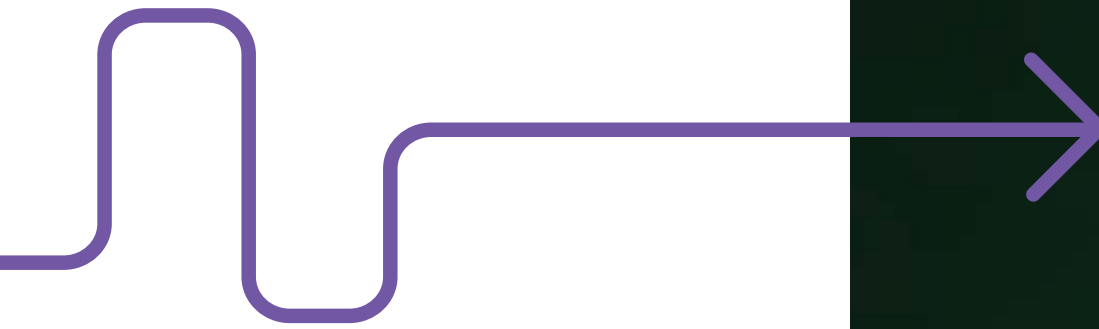
Contribute to the preservation, promotion and dissemination of cultural heritage, artistic expression and creative industries. Engage with cultural institutions including museums, galleries, libraries, archives, theatres and cultural centres, as well as heritage sites, festivals and events. Contribute to economic development, job creation and tourism by showcasing local culture and heritage.

### Financial Services

Provide clients with essential financial products and services, including savings accounts, loans, insurance policies, investment opportunities and retirement planning. The industry manages, invests and leverages money and other assets to facilitate economic activities, allocate capital efficiently and manage risks in the economy. Services include banking, insurance, investment management, brokerage services, financial planning and wealth management. Key players include banks, credit unions, insurance companies, investment firms, stock exchanges and financial technology (fintech) companies. Key aspects include regulatory compliance, risk management, customer service and innovation in financial products and technology.

### Animator and Game Development

Illustrators (including Animators) plan, design, develop and prepare pictures and diagrams to communicate messages, clarify meaning, assist in presentations and illustrate stories. They use traditional and digital media such as drawing, painting, drafting, collage, models, photography and image capture and manipulation software.



## Information Technology including Cyber

Develop, implement and manage technology solutions to support data processing, communication and security needs across various sectors. Engage in activities involving hardware, software, networking, cloud computing, cybersecurity and digital services. The IT industry enables digital transformation, automation and connectivity, facilitating global collaboration and communication. Cybersecurity is integral to the IT industry and focuses on protecting digital assets, networks and systems from threats like 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. Key components include IT infrastructure, software development, data analytics, network administration and cybersecurity measures.

## Printing and Graphic Design

Bring your creative skills to deliver visually appealing and impactful designs to help businesses and organisations communicate their messages effectively. Conceive, produce and distribute printed materials and visual communication by engaging in services such as graphic design, typesetting, prepress preparation, printing, finishing and packaging. Collaboration between graphic designers, printers, clients and other stakeholders is essential for delivering high-quality printed and digital materials that meet clients' needs and expectations. Key activities include designing logos, branding materials, advertisements, brochures, posters, packaging and other marketing collateral.



# Flexible Industry Programs

For school students who 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		<b>VET for school students:</b> BSB30120 Certificate III in Business 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Business</li> </ul>						



Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Business</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Business</li> </ul>						

# Cyber and Information Technology



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (Contract of Training)
11	ICT30120 Certificate III in Information Technology	<b>VET for school students:</b> ICT30120 Certificate III in Information Technology ICT30519 Certificate III in Telecommunications Technology <b>Subsidised traineeships and apprenticeships:</b> ICT20120 Certificate II in Applied Digital Technologies
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>BSBSS00094 Cyber Security Awareness Skill Set</b>	ICT30120	Certificate III in Information Technology	BSBXCS301	Protect own personal online profile from cyber security threats	30	140
			BSBXCS302	Identify and report online security threats	30	
			BSBXCS303	Securely manage personally identifiable information and workplace information	40	
			BSBXCS402	Promote workplace cyber security awareness and best practices	40	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Cyber and Information Technology</li> </ul>						

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
	<b>More information</b> <ul style="list-style-type: none"> <li>Suitable for jobs in the Defence sector</li> </ul>					
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	<b>VET for school students:</b> CUA20220 Certificate II in Creative Industries 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
Introduction to Theatre Lighting and Staging	CUA20220	Certificate II in Creative Industries	CUALGT211	Develop basic lighting skills	30	70
			CUASTA211	Develop basic staging skill	20	
			CUAIND211	Develop and apply creative arts industry knowledge	20	

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
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	
<b>More information</b> <ul style="list-style-type: none"> <li>Condition: Students must not undertake work that requires dogging and rigging</li> <li>FIP alignment: Screen and Media Production, Game Development and Visual Effects</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Screen and Media Production, Game Development and Visual Effects</li> </ul>						
Advanced Electronic Music Production	CUA30920	Certificate III in Music	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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Screen and Media Production, Game Development and Visual Effects</li> </ul>						
Advanced Theatre Lighting and Staging	CUA30420	Certificate III in Live Production and Technical Services	CUALGT311	Operate basic lighting	30	150
			CUALGT313	Install and test lighting equipment	30	
			CUASTA313	Operate staging elements	90	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Screen and Media Production, Game Development and Visual Effects</li> </ul>						



# Skill sets

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>BSBSS00095 Cross-Sector Infection Control Skill Set</b>	BSB30120	Certificate III in Business	BSBWHS332X	Apply infection prevention and control procedures to own work activities	30	30
	<b>Application of this skill set</b>					
	This skill set addresses the skills and knowledge required to undertake work activities in compliance with organisational procedures that prevent and control infection.					
	<b>Stack this skill set with:</b> 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					
<b>BSBSS00103 New Business Ventures Skill Set</b>	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	
	<b>Application of this skill set</b>					
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.						
<b>Stack this skill set with:</b> Skill sets: BSBSS00095 Cross-Sector Infection Control Skill Set Skills clusters: Advanced Business (Commerce); Advanced Business (Documents); Advanced Tourism; Junior Dance Teacher; Advanced Dance						

# Entry-level jobs in Creative Industries, Arts, Finance, Technology and Business

ANZSCO code	Role
262116	Cyber Security Analyst
262113	Network Support Officer
313112	IT Customer Support Officer
542114	Medical Receptionist
621111	Stagehand
611312	Sales Representative
621411	Pharmacy Sales Assistant
392112	Screen Printer
531111	Administrative Assistant

## Network Support Officer



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 infrastructure vulnerabilities,, 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



Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# IT 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

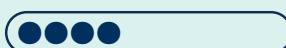
- Provide technical support for software maintenance or use
- Diagnose and resolve technical problems and issues
- Operate computers, computer systems, or computerised equipment
- Monitor computer system performance to ensure proper operation
- Document operational activities
- Provide customer service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

## Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# 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. 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 and organising



Initiative and 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 and organising



Initiative and innovation



Teamwork

# Sales Representative



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

ANZSCO code — 611312

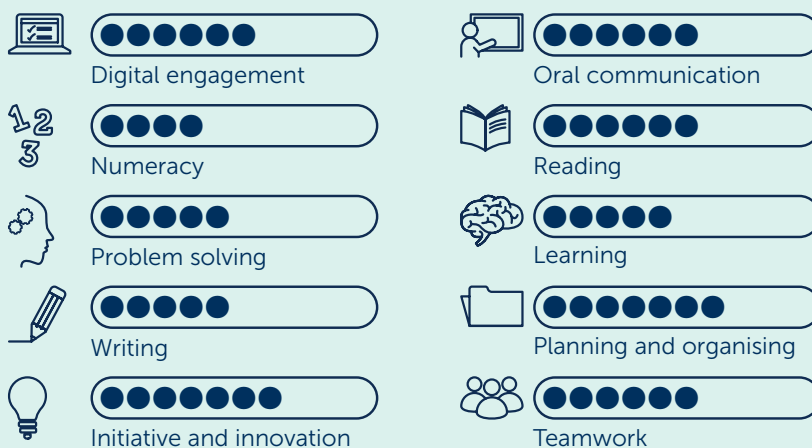
## Technical skills

### 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

Play a critical role in national security, providing the Defence Force with the tools and technology necessary to protect borders, maintain peace and respond to threats. Design, develop, produce and maintain military equipment, weapons and technology for defence purposes. Key aspects include research and development, manufacturing processes, quality control and compliance with stringent regulatory and security standards.

### Defence Technologies

Help nations to maintain military capability, deterrence and readiness in the face of evolving security threats and geopolitical challenges. Draw on technical skills to research, design and manufacture advanced technology including defence systems, surveillance, cybersecurity solutions, weaponry and communications, to enhance national security and defence capabilities. Key components include aerospace and defence companies, research and development laboratories, government defence agencies and defence contractors.

### Space Technologies

Reach for the stars by developing, deploying and utilising technologies for space exploration, satellite communications, earth observation and space research. Play a crucial role in advancing scientific knowledge, enhancing communication and navigation capabilities, monitoring the Earth's environment, and supporting national security and defence efforts. Key employers include government space agencies, private aerospace companies, research institutions and satellite operators. Engage in activities such as spacecraft design and manufacturing, launch services, satellite operations, ground control systems and space-based applications.

### Supply Chain Services

Keep the world running smoothly by ensuring goods and materials reach their destinations around the globe on time. Key employers include freight forwarders, third-party logistics (3PL) providers, shipping companies, customs brokers and supply chain management software providers. Employees manage, coordinate and optimise the flow of goods, services and information from suppliers to consumers by engaging in activities such as logistics, transportation, warehousing, inventory management, procurement and distribution.

# Flexible Industry Programs

For school students who 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	<b>VET for school students:</b> MEM20105 Certificate II in Engineering MEA20418 Certificate II in Aeroskills MEA30118 Certificate III in Aircraft Surface Finishing 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 <b>Subsidised traineeships and apprenticeships:</b> 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 MEM31322 Certificate III in Refrigeration and Air Conditioning
12	MEA20418 Certificate II in Aeroskills	

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment - Engineering, Manufacturing</li> </ul>						
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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Aeroskills</li> <li>FIP alignment: Engineering</li> </ul>						
Advanced Aeroskills Mechanical and Avionics B	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Aeroskills</li> <li>FIP alignment: Engineering</li> </ul>						

# 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 and organising



Initiative and 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

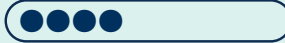
Employability and language, literacy and numeracy skills



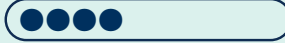
Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and 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 work requirement
- Calculate dimensions of work pieces, products or equipment

## Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# Welder (First Class)



Fabricates and repairs metal products using various welding techniques.

ANZSCO code — 322313

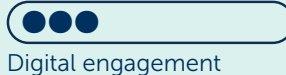
## Technical skills

### 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



Digital engagement



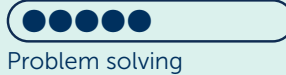
Oral communication



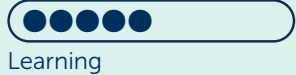
Numeracy



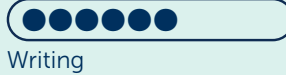
Reading



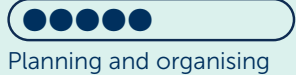
Problem solving



Learning



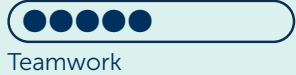
Writing



Planning and organising



Initiative and innovation



Teamwork

# 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



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# Engineering Production Worker



Performs a range of production tasks to refine and treat metals and mineral ore. Operates equipment to fire ceramics and produce metal products, including rods, tubing, 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

Prevent and treat diseases, address public health challenges and improve the quality of life for individuals and communities. Engage with healthcare providers including 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. Key activities include healthcare services, public health initiatives, medical research, pharmaceuticals, biotechnology and healthcare technology.

### Human Services (including Aged Care and Disability Services)

Improve the wellbeing and quality of life for individuals and communities through a range of support services. Engage with government agencies, non-profit organisations, community groups and private providers to address diverse social needs and challenges. This sector delivers a broad range of services including healthcare, social assistance, housing support, childcare, mental health services, aged care, disability services and welfare programs. Within this, Aged Care and Disability Services provide care and support for elderly individuals and people with disability to live independently and participate fully in society. The sector promotes social inclusion, dignity and equality, supporting vulnerable populations and ensuring access to essential services.

### Outside School Hours Care (OSHC) and Long Day Care

Draw on your teamwork, empathy and creativity to provide essential childcare services for children outside their regular school hours and during the day for children under school age. OSHC programs operate before and after school, as well as during school holidays, offering a safe and supervised environment for children. Long day care centres provide childcare services for infants, toddlers and preschool-aged children. They deliver educational programs, meals and play activities. Both sectors support working parents and carers by offering affordable, high-quality childcare options. Key aspects include early childhood education, play-based learning, socialisation opportunities and child development support.

### Preschool and Early Childhood Education

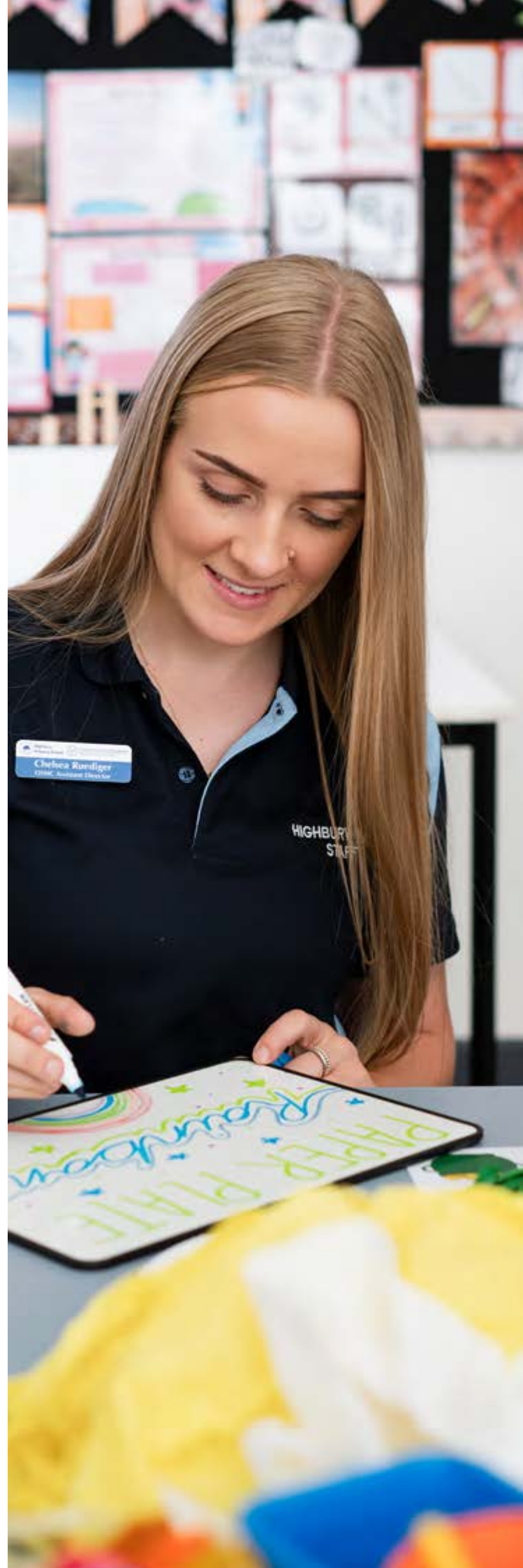
Bring your caring approach and communication skills to create nurturing environments that support children's curiosity, creativity and school readiness. Deliver educational and developmental programs for children typically between the ages of 3 and 5, prior to entering formal schooling. Engage in a variety of early childhood education settings, including preschools, kindergartens, nursery schools and childcare centres. Key aspects include play-based learning, socialisation, early literacy and numeracy skills development, and fostering cognitive, emotional and physical development.

## School Education

Use subject knowledge, problem-solving and organisational skills to help children and adolescents learn and thrive in primary and secondary schools. Schools prepare students for academic success, personal growth and future careers by imparting knowledge, critical thinking skills and social competencies. Engage in a structured curriculum covering subjects such as mathematics, science, language, arts, social studies and physical education. Key aspects include classroom instruction, student assessment, teacher training, school administration and educational leadership.

## Sport and Recreation

Promote physical fitness, leisure and competitive sports participation through a wide range of activities. Sport and recreation supports health and wellbeing, fosters social connections and enhances quality of life for individuals and communities. Participation offers opportunities for physical exercise, skill development, teamwork and personal achievement. Work in organised sports leagues, recreational facilities, fitness centres, parks, outdoor recreation, and sports events and tournaments. Key aspects include sports coaching, training programs, facility management, event planning and sports marketing.





# Flexible Industry Programs

For school students who 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	<b>VET for school students:</b> CHC32015 Certificate III in Community Services CHC33021 Certificate III in Individual Support *
12	CHC33021 Certificate III in Individual Support *	
<p><i>*CHC33021 Certificate III in Individual Support:</i></p> <ul style="list-style-type: none"> <li>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 can apply to their Pathways Advisor for approval for targeted cohort delivery strategies for Year 12 enrolments.</li> <li>Students must complete at least 120 hours of work placement as detailed in the assessment requirements of the units of competency.</li> <li>RTOs who intend to offer the <i>Certificate III in Individual Support (Disability)</i> will be required to demonstrate they can support students to find suitable work placements.</li> <li>Students will need the following to attend work placements: <ul style="list-style-type: none"> <li>Police Check (Check with RTO on specific requirements)</li> <li>Working with Children Check (Disability)</li> <li>Vaccinations (Check with RTO on specific requirements).</li> </ul> </li> <li>RTO is required to provide the home school with evidence that placement has occurred.</li> <li>For more information check the mandatory placement requirements in the <a href="#">Implementation Guide</a>.</li> <li>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.</li> <li>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 are 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.</li> </ul> <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	<b>VET for school students:</b> CHC30121 Certificate III in Early Childhood Education and Care <sup>1</sup> CHC30221 Certificate III in School Based Education Support <sup>2</sup>
12	CHC30121 Certificate III in Early Childhood Education and Care <sup>1</sup>	
	<b>Conditions</b>	<p><sup>1</sup> <i>CHC30121 Certificate III in Early Childhood Education and Care:</i></p> <ul style="list-style-type: none"> <li>Students must complete at least 160 hours of work placement as detailed in the assessment requirements of the units of competency.</li> <li>Students will need the following to attend work placements: <ul style="list-style-type: none"> <li>Responding to Risks of Harm, Abuse and Neglect</li> <li>Department of Human Services Working with Children Check</li> <li>Vaccinations (Check with RTO on specific requirements).</li> </ul> </li> <li>RTO is required to provide the home school with evidence that placement has occurred.</li> </ul> <p><sup>2</sup> <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 <a href="#">Implementation Guide</a>.</p>

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Introduction to Australian First Nation's Languages (Kurna)</b>	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Early Childhood and Education</li> </ul>						
<b>Advanced Australian First Nation's Languages (Kurna)</b>	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>To be eligible students must have completed the Introduction to Australian First Nation's Languages (Kurna) skills cluster</li> <li>Students must identify as Aboriginal</li> <li>FIP alignment: Early Childhood and Education</li> </ul>						

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Early Childhood and Education</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Early Childhood and Education</li> </ul>						

# Health Support



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	HLT33021 Certificate III in Allied Health Assistance *	<b>VET for school students:</b> HLT20121 Certificate II in Aboriginal and/or Torres Strait Islander Primary Health Care 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
12	HLT33115 Certificate III in Health Services Assistance **	
	<b>Conditions</b>	<p>* <i>HLT33021 Certificate III in Allied Health Assistance:</i></p> <ul style="list-style-type: none"> <li>Students must complete at least 120 hours of clinical work placement as detailed in the assessment requirements of the units of competency.</li> <li>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 are 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:</i> only one AQF level III qualification is subsidised for school students.</li> </ul> <p>** <i>HLT33115 Certificate III in Health Services Assistance:</i></p> <ul style="list-style-type: none"> <li>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 <a href="#">Implementation Guide</a>.</li> </ul> <p>Students will need the following to attend work placements:</p> <ul style="list-style-type: none"> <li>Police Check (check with RTO on specific requirements)</li> <li>Working with Children Check</li> <li>Vaccinations (check with RTO on specific requirements).</li> </ul> <p>The RTO is required to provide the home school with evidence that placement has occurred.</p>

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Health Support</li> </ul>						

# Sport and Fitness



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11		<b>VET for school students:</b> SIS20122 Certificate II in Sport and Recreation 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Introduction to Fitness, Sport and Recreation</b>	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	
<b>Advanced Fitness (Client Screening)</b>	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Sport and Fitness</li> </ul>						
<b>Advanced Gym Based Programs for Individual Clients</b>	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Sport and Fitness</li> </ul>						

# Skill sets

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>CHCSS00088 Induction</b>	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><b>Application of this skill set</b></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>						
<b>CHCSS00114 Entry into Care Roles Skill Set</b>	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><b>Application of this skill set</b></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>						
<b>HLTSS00083 Infection Prevention and Control Skill Set</b>	HLT23221	Certificate II in Health Support Services	HLTINF006	Apply basic principles and practices of infection prevention and control	35	35
			<p><b>Application of this skill set</b></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><b>Stack this skill set with:</b></p> <p>Skills clusters: Advanced Allied Health</p>			
<b>SISSS00132 Swimming and Water Safety Teacher</b>	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><b>Application of this skill set</b></p> <p>This skill set teaches swimming and water safety, and to rescue others in the water when needed.</p> <p><b>Stack this skill set with:</b></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><b>More information</b></p> <ul style="list-style-type: none"> <li>• Students must be 16 years or over</li> <li>• Students must complete at least 20 hours of work placement as detailed in the assessment requirements of the units of competency.</li> <li>• Pre-requisite unit: HLTAID011 Provide First Aid (First Aid 3)</li> <li>• Students must have a Working With Children Check.</li> </ul>						



# Entry-level jobs in Early Educators, Health, Human Services, Sport and Recreation

ANZSCO code	Role
423111	Personal Care Worker (Aged Care)
423111	Support Worker (Disability or Home and Community Care)
421111	Early Childhood Educator
422116	School Services Officer
421114	Outside School Hours Care Educator
423312	Assistant in Nursing
423314	Allied Health Assistant
423211	Dental Assistant
422111	Aboriginal and Torres Strait Islander Education Worker
4523	Sports Coach
452111	Fitness Instructor

## Support Worker

(Disability or Home and Community Care)

Provides personal care, community participation and social support, general domestic assistance for older people and people living with disability in their own homes or supported independent living.



ANZSCO code – 423111

### Technical skills

#### Top 6 tasks of the role

- Assist with personal care
- Support with community participation and engagement
- Provide support with domestic assistance including household tasks
- Assist with meal preparation
- Support with advocacy and access to relevant services
- Monitor and report on client progress

### Core competency level

Employability and language, literacy and numeracy skills





# Personal Care Worker (Aged Care)

Provides person-centered care to residents under the supervision of Enrolled and Registered Nurses in a residential care facility.



ANZSCO code — 421111

## Technical skills

### Top 6 tasks of the role

- Assist residents with personal care (showering, toileting, meals, repositioning, mobility)
- Collaborate with a multidisciplinary healthcare team
- Engage residents in social and recreational activities
- Communicate with residents, family and staff
- Keep accurate documentation of care provided
- Observe and report any changes in resident care

## Core competency level

Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# 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



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



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 and innovation



Oral communication



Reading



Learning



Planning and 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



Digital engagement



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising



Teamwork

# Assistant in Nursing

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



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# Allied Health Assistant

Assists allied health professionals to implement individual and group therapy in a range of health care settings.



ANZSCO code — 423314

## Technical skills

### Top 6 tasks of the role

- Work under the supervision of an allied health professional
- Work with multiple allied health disciplines
- Provide individual and group-based therapy
- Work with people of all ages and disabilities
- Provide administrative assistance
- Prepare therapy resources

## Core competency level

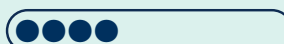
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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



Numeracy



Problem solving



Writing



Initiative and innovation



Oral communication



Reading



Learning



Planning and organising

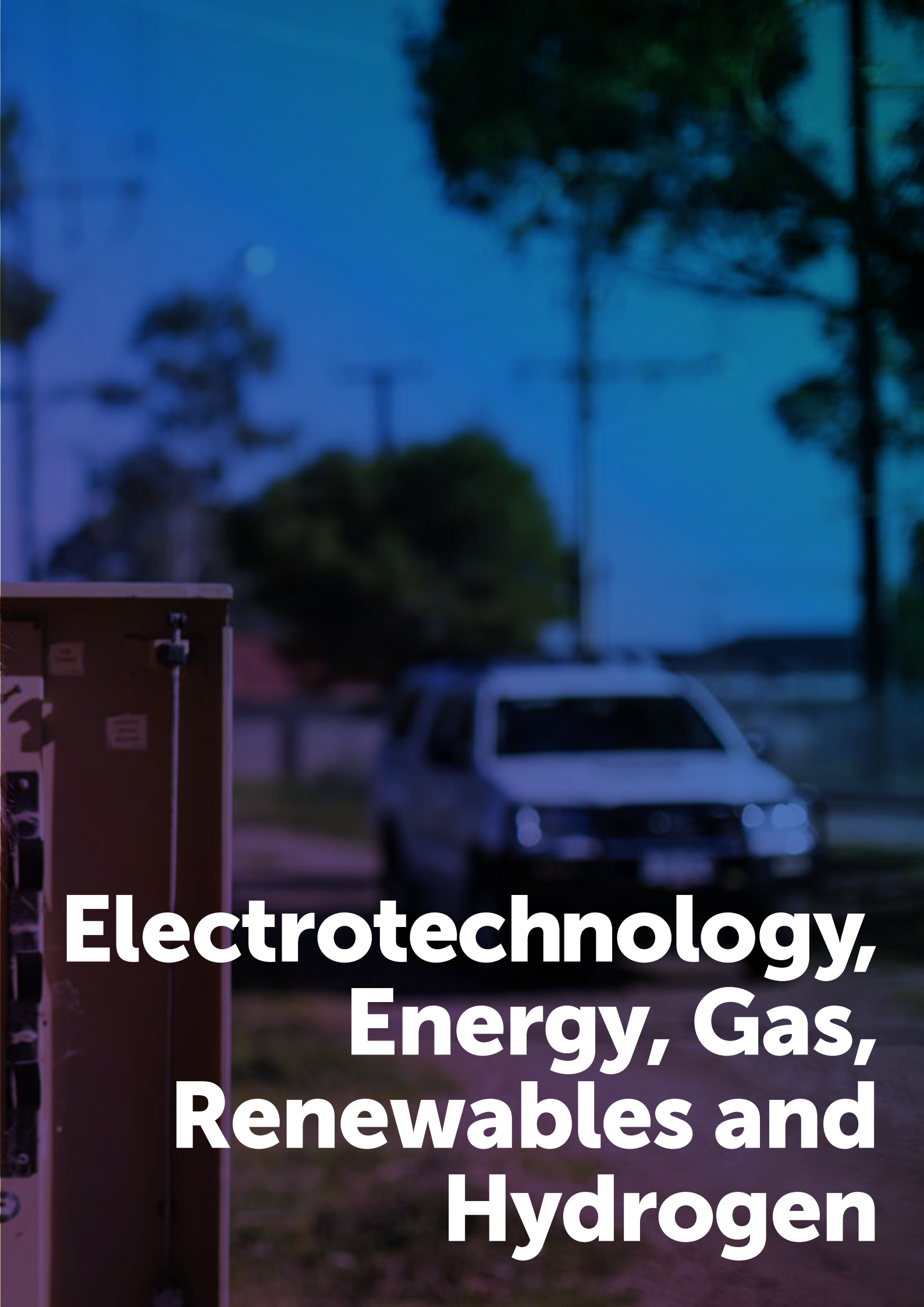


Teamwork









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

# Electrotechnology, Energy, Gas, Renewables and Hydrogen

## Includes the following industry sectors:

### Electricity Generation or Supply

Get involved in the exciting world of electricity, where you produce, transmit and distribute power to meet the energy needs of consumers. Explore various energy sources, including fossil fuels like coal, natural gas and oil, as well as renewable energy including solar and wind. Convert energy into electrical power using turbines, generators and other technologies. Transport electricity over long distances through transmission lines and deliver it to homes, businesses and industrial facilities via distribution networks. Work with key components such as power plants, transmission lines, substations and distribution networks.

### Electrotechnology

Dive into the world of electrotechnology, where you design, manufacture, install and maintain electrical and electronic systems, equipment and devices. Play a crucial role in powering modern society and supporting various sectors. Engage in electrical engineering, electronics, telecommunications, automation and renewable energy technologies. 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

Explore the gas supply industry, where you can produce, transmit, distribute and sell natural gas to consumers for heating, cooking, electricity generation and industrial processes. Engage in activities like exploring and extracting natural gas reserves, pipeline transportation, storage facilities and retail distribution to residential, commercial and industrial customers. Work with key players such as gas producers, pipeline operators, gas utilities and retail gas suppliers. Discover the significance of natural gas as a global energy source, valued for its low cost, cleanliness and versatility.

### New Energy Technology including Renewables

Join the innovative field of new energy technology, where you can develop, deploy and utilise technologies to generate, store and distribute energy from renewable sources. Explore renewable energy sources like solar, wind, hydroelectric, biomass, geothermal and tidal energy. Engage in research and development, manufacturing, installation and operation of renewable energy systems and technologies. Contribute to environmental benefits, including reduced greenhouse gas emissions, improved air quality and decreased reliance on fossil fuels.



# Flexible Industry Programs

For school students who 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)	<b>VET for school students:</b> UEE20120 Certificate II in Split Air Conditioning and Heat Pump Systems UEE20720 Certificate II in Data and Voice Communications 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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)	UEE32225	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	
<b>More information</b> <ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Electrotechnology (Career Start)</li> <li>FIP alignment: Electrotechnology</li> </ul>						

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	
<b>More information</b> <ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Electrotechnology (Career Start)</li> <li>FIP alignment: Electrotechnology</li> </ul>						

# Entry-level jobs in Electrotechnology, Energy, Gas, Renewables and Hydrogen

ANZSCO Code	Role
341111	Electrician
342414	Telecommunications Technician
899914	Telecommunication Trades Assistant
342111	Airconditioning and Refrigeration Technician
342314	Instrumentation Technician
342313	Appliance Servicing Technician

## Electrician

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



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# 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 and organising



Initiative and innovation



Teamwork

# Airconditioning and Refrigeration Technician



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 and organising



Initiative and innovation



Teamwork





# **Manufacturing and Automotive**

# Manufacturing and Automotive

## Includes the following industry sectors:

### Automotive

Jump into the world of automotive design, manufacturing, marketing and sales, where you can create, sell and repair motor vehicles such as cars, trucks, buses and motorcycles. Engage with a complex network of companies and suppliers involved in vehicle production, from research and development to assembly and distribution. Explore key aspects such as vehicle design, engineering, manufacturing processes, supply chain management, marketing, sales and after-sales services including maintenance and repair. The automotive industry significantly contributes to global economic growth, employment, and technological innovation, providing transportation solutions worldwide.

### Engineering

Solve complex problems, innovate new technologies and improve processes across sectors like construction, manufacturing, energy, transportation, healthcare and telecommunications. Craft a career in the diverse field of engineering, where you design, develop, construct and maintain infrastructure, products and systems. Dive into various engineering disciplines such as civil, mechanical, electrical, chemical, aerospace and software engineering. Engage in research and development, project management, technical design, testing and quality assurance.

### Food Product Manufacturing

Enter the world of food product manufacturing, where you produce, process and package food and beverage products for consumption. Engage in activities including sourcing raw materials, food processing, quality control, packaging and distribution. Focus on food safety and hygiene standards, regulatory requirements and meeting consumer preferences and dietary needs. Produce a diverse array of products, including processed foods, dairy products, beverages, snacks, baked goods and packaged foods.

### Furniture Manufacturing

Carve out a future in furniture manufacturing, where you design, produce and distribute furniture products for residential, commercial and institutional use. Engage in activities such as sourcing raw materials, furniture design, fabrication, finishing and assembly. Focus on craftsmanship, quality control and adherence to design standards and safety regulations. Produce a variety of products, including sofas, chairs, tables, beds, cabinets and office furniture.

### Manufacturing

From automotive to aerospace, join the manufacturing industry, where you can produce goods through processes including machining, fabrication, assembly and finishing. Engage in designing, engineering, sourcing raw materials, production, quality control and distribution of products. Focus on efficiency, precision, quality assurance and adherence to safety and regulatory standards. Manufacturing spans diverse sectors, including automotive, aerospace, electronics, consumer goods, pharmaceuticals and machinery.

## Medical Technology and Pharmaceuticals

Join the field of medical technology and pharmaceuticals, where you develop, produce and distribute medical devices, equipment, pharmaceuticals and biotechnology products to diagnose, treat and prevent diseases. Engage in research and development, clinical trials, regulatory approval processes, manufacturing, distribution and sales. Focus on innovation, safety, efficacy and adherence to regulatory standards and quality control measures. Work with devices such as diagnostic imaging systems, surgical instruments, implantable devices and monitoring devices, as well as pharmaceuticals including medications, vaccines and biologics.

## Textile, Leather, Clothing and Footwear Manufacturing

Produce fabrics for clothing, home furnishings and industrial applications, as well as leather goods such as bags and accessories, and footwear products including shoes and boots. Undertake activities such as fibre production, yarn spinning, fabric weaving or knitting, dyeing and printing, garment manufacturing, leather processing and footwear production. Focus on design, sourcing raw materials, manufacturing processes, quality control or distribution.



# Flexible Industry Programs

For school students who 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	<b>VET for school students:</b> AUR20220 Certificate II in Automotive Air Conditioning Technology AUR20420 Certificate II in Automotive Electrical Technology AUR20520 Certificate II in Automotive Servicing Technology
12		AUR21220 Certificate II in Automotive Underbody Technology 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 <b>Subsidised traineeships and apprenticeships:</b> AUR20920 Certificate II in Automotive Body Repair Technology

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills clusters are available.

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total
<b>Introduction to Automotive</b>	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	
<b>Introduction to Automotive Parts Interpreting and Sales</b>	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	

# Manufacturing



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11		<b>VET for school students:</b> 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b> • FIP alignment: 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	
<b>More information</b> • FIP alignment: Manufacturing						
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	
<b>More information</b> • FIP alignment - Engineering, Manufacturing						

# Engineering



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	MEM20422 Certificate II in Engineering Pathways MEA20418 Certificate II in Aeroskills	<b>VET for school students:</b> MEA20418 Certificate II in Aeroskills MEA30118 Certificate III in Aircraft Surface Finishing MEM20105 Certificate II in Engineering 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 <b>Subsidised traineeships and apprenticeships:</b> MEM31322 Certificate III in Refrigeration and Air Conditioning 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>FIP alignment: Engineering and Manufacturing</li> </ul>						
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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Aeroskills</li> <li>FIP alignment: Engineering</li> </ul>						
Advanced Aeroskills Mechanical and Avionics B	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	
<b>More information</b>						
<ul style="list-style-type: none"> <li>Students must have completed a Certificate II in Aeroskills</li> <li>FIP alignment: Engineering</li> </ul>						

# Forestry



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11		<b>VET for school students:</b>
12		FWP20122 Certificate II in Forest Operations 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 who 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
<b>FWPSS00063</b> 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><b>Application of this Skill sets</b></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><b>More information</b></p> <ul style="list-style-type: none"> <li>FIP alignment: Forestry</li> </ul>						

# Entry-level jobs in Manufacturing and Automotive

ANZSCO code	Role
321211	Light Vehicle Technician
3241	Vehicle Body Repair Technician
321212	Heavy Vehicle Technician
323111	Aircraft Maintenance Engineer (Avionics)
323315	Saw Doctor
841311	Forestry Worker
839412	Timber Production Worker
3211	Automotive Electrician
322311	Metal Fabricator
323214	Metal Machinist

## 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 — 3241

### 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 and organising



Initiative and innovation



Teamwork

# Vehicle Body Repair Technician



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

ANZSCO code — 3241

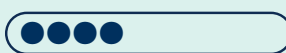
## Technical skills

### 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

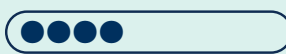
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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

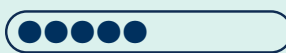
## Technical skills

### 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

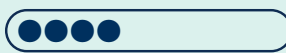
Employability and language, literacy and numeracy skills



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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 and organising



Initiative and 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



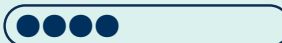
Writing



Planning and organising



Initiative and innovation



Teamwork

# Forestry Worker



Assists with cultivating, maintaining and protecting forests.

ANZSCO code — 841311

## 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, shipping 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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THE  
BENCH  
BEAUTY & SPA

The image shows two women standing side-by-side in a modern interior setting. They are both wearing black, short-sleeved dresses with a white scarf tied around their necks. The woman on the left is smiling, while the woman on the right has a neutral expression. The background features large, arched windows with a dark frame, and the lighting is a mix of blue and purple, creating a contemporary and sophisticated atmosphere. The overall scene suggests a professional or service-oriented environment.

**Retail, Tourism,  
Hospitality and  
Personal Services**

# Retail, Tourism, Hospitality and Personal Services

## Includes the following industry sectors:

### Beauty Services

Imagine transforming someone's day with a new hairstyle or a rejuvenating spa treatment! In the beauty services industry, you can enhance personal appearance and wellbeing through hair care, skincare, makeup, nail care, spa treatments and cosmetic procedures. As a beauty professional, you'll use high-quality products and tailor treatments to meet individual needs and preferences. Whether you're a hairstylist, beauty therapist, nail technician, spa therapist or makeup artist, you'll play a crucial role in making people feel their best.

### Funeral Services

Consider a career where you provide compassionate support during life's most challenging times. In funeral services, you care for and commemorate deceased individuals, working in funeral homes, crematories and cemeteries. You'll arrange and conduct ceremonies, prepare bodies for burial or cremation, and assist families with logistics. As a funeral director or staff member, you'll ensure that arrangements respect the cultural, religious and personal preferences of grieving families.

### Hairdressing/Barbering

Step into a world where you can express creativity through hair and grooming. In the hairdressing and barbering industry, you'll provide professional services such as cutting, colouring and styling hair, as well as beard grooming. As a hairdresser or barber, you'll help customers achieve their desired looks while offering personalised advice. Your skills will make a lasting impact on how people present themselves.

### Hospitality

Join an industry that thrives on creating memorable experiences for guests. In hospitality, you'll work in hotels, restaurants, resorts and more, delivering high-quality customer service. Whether you're a chef, server or hotel staff, you'll create welcoming environments and ensure guest satisfaction. Your role will be essential in making every visit unforgettable.

### Retail

Dive into the dynamic world of retail, where you connect consumers with the products they love. You'll work in department stores, specialty shops, supermarkets, convenience stores or online platforms, focusing on merchandise selection, pricing, promotion, customer service and product distribution. As a retailer, you'll offer convenience and choice, playing a key role in the shopping experience.

### Tourism

Explore a career that lets you share the wonders of the world with others. In tourism, you'll work with airlines, hotels and attractions, providing services that enhance leisure, recreation and business travel. Whether you're in destination marketing or tour planning, you'll ensure travellers have unforgettable journeys. The industry 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.



# Flexible Industry Programs

For school students who 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	SHB30221 Certificate III in Make-Up SHB20216 Certificate II in Salon Assistant	<b>VET for school students:</b> SHB30121 Certificate III in Beauty Services SHB30321 Certificate III in Nail Technology SHB30416 Certificate III in Hairdressing SHB30516 Certificate III in Barbering SFL30115 Certificate III in Floristry SFL20115 Certificate II in Floristry (Assistant)
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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 Services	SIRXCEG001	Engage the customer	30	90
			SIRXCOM001	Communicate in the workplace to support team and customer outcomes	40	
			SIRXSL001	Sell to the retail customer	20	
Introduction to Make Up	SHB20121	Certificate II in Retail Cosmetics	SHBCCS004	Demonstrate retail skin care products	25	45
			SIRXIND003	Organise personal work requirements	20	

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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Hair and Beauty</li> </ul>						
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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Hair and Beauty</li> </ul>						
Advanced Hair Styling	SHB30416	Certificate III in Hairdressing	SHBHDES004	Create classic long hair up-styles	30	135
			SHBHCCS001	Plan hair services for special events	20	
			SHBHTRI001	Identify and treat hair and scalp conditions	25	
			CUAMUP413	Style hair for productions	60	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Hair and Beauty</li> </ul>						

# 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	<b>VET for school students:</b> CUA20520 Certificate II in Information and Cultural Services SIT20421 Certificate II in Cookery 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
12		

## Skills clusters

For students who wish to further engage in their pathway and develop additional skills, the following skills 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	
<b>More information</b> <ul style="list-style-type: none"> <li>FIP alignment: Hospitality and Tourism</li> </ul>						

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	
	<b>More information</b>					
<ul style="list-style-type: none"> <li>Pre-requisites: SITXFSA005 Use hygienic practices for food safety; SITHCCC027 Prepare dishes using basic methods of cookery</li> <li>Students must have completed the Certificate II in Cookery (or Certificate II in Kitchen Operations)</li> <li>FIP alignment: Hospitality and Tourism</li> </ul>						
Advanced Patisserie	SIT31021	Certificate III in Patisserie	SITHCCC041	Produce cakes, pastries and breads	55	185
			SITHPAT015	Produce petits fours	30	
			SITHPAT016	Produce desserts	100	
	<b>More information</b>					
<ul style="list-style-type: none"> <li>Pre-requisite unit: SITXFSA005 Use hygienic practices for food safety</li> <li>Students must have completed a Certificate II in Hospitality or a Certificate II in Cookery (or Certificate II in Kitchen Operations)</li> <li>FIP alignment Hospitality and Tourism</li> </ul>						
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	
	<b>More information</b>					
<ul style="list-style-type: none"> <li>FIP alignment: Hospitality and Tourism</li> </ul>						



# 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><b>Application of this Skill Set</b></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><b>More information</b></p> <ul style="list-style-type: none"> <li>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.</li> <li>FIP alignment: Hospitality and Tourism</li> </ul>						

# 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



# Hairdresser

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



ANZSCO code – 391111

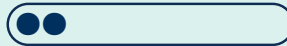
## Technical skills

### 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



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# 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



Digital engagement



Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and innovation



Teamwork

# 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 and organising



Initiative and 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



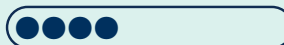
Oral communication



Numeracy



Reading



Problem solving



Learning



Writing



Planning and organising



Initiative and 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 and organising



Initiative and 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 make-up
- 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 and organising



Initiative and innovation



Teamwork



 **BOEING**

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PROGRAM



# Transport and Logistics

# Transport and Logistics

## Includes the following industry sectors:

### Maritime

Set sail with a career that navigates the world's waterways. In the maritime industry, you'll engage in transporting goods and passengers across oceans, seas, rivers and lakes. Whether you're involved in shipping, marine transportation or shipbuilding, you'll play a key role in global trade. You'll operate vessels, handle cargo and ensure maritime safety, connecting markets and transporting goods efficiently across the globe.

### Ports and Warehousing

Step into the dynamic world of ports and warehousing, where you manage the flow of goods around the world. Coordinate ship docking, cargo handling and storage operations. Working in vital hubs for international trade, you'll facilitate the movement of goods between countries, supporting supply chain management and logistics. Your role will ensure that goods are stored and distributed efficiently. Warehousing facilities provide storage space for goods awaiting distribution or shipment, supporting supply chain management and logistics operations..

### Rail

Join the rail industry and help move people and goods across vast distances. Work with passenger rail services and freight operations, maintaining railway infrastructure and ensuring smooth train operations. As part of this industry, you'll provide efficient and environmentally friendly transportation options, supporting commuters and industries like manufacturing and agriculture.

### Road Transport

Drive into a career that keeps the world moving. In road transport, you can get involved in passenger and freight transportation, logistics and vehicle maintenance. Whether you're trucking goods, providing bus services or working in courier delivery, you'll offer essential mobility for individuals and businesses, facilitating daily commutes and the movement of goods.

### Transport and Logistics including Aviation

Explore a career in transport and logistics, where you'll move people and goods across air, land, sea and rail. Work in aviation, maritime shipping, road and rail transport and warehousing. As part of this sector, you can manage logistics operations, develop infrastructure, provide regulatory oversight and ensure efficient supply chain management. In aviation, be part of airlines, airports, aircraft manufacturers and related services, providing air travel and cargo transportation worldwide.



CAT



# Flexible Industry Programs

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

## Transport and Logistics



Year	Qualifications for institutional delivery (off-the-job)	Traineeship / apprenticeship (contract of training)
11	MAR20324 Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	<b>VET for school students:</b> MAR30824 Certificate III in Maritime Operations (Marine Engine Driver Grade 2 Near Coastal) TLI20421 Certificate II in Supply Chain Operations TLI30321 Certificate III in Supply Chain Operations <b>Subsidised traineeships and apprenticeships:</b> MAR30924 Certificate III in Marine Operations
12		

# Skill sets

Skills cluster title	Source qualification code	Source qualification name	Unit code	Unit title	Nominal hours	Total	
<b>AVISS00057</b> <b>Remotely Piloted Aircraft Observer Skill Set</b>	AVI30219	Certificate III in Aviation (Cabin Crew)	AVIE0003	Operate aeronautical radio	30	75	
			AVIZ0005	Apply situational awareness in remote pilot aircraft systems operations	5		
			TLIE1003	Participate in basic workplace communication	40		
	<b>Application of this skill set</b>						
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.							
<b>Stack this skill set with:</b>							
Skill sets: AVISS00057 Remotely Piloted Aircraft Systems Observer Skill Set Skills clusters: Advanced Business (Commerce); Advanced Chemicals; Advanced Aquaculture; Advanced Tourism; Advanced Website Development							
<b>More information</b>							
<ul style="list-style-type: none"> <li>• Suitable for jobs in the Defence sector</li> <li>• Suitable for jobs in the Resources sector</li> </ul>							
<b>AVISS00080</b> <b>Remotely Piloted Aircraft Operations in Excluded Category Sub-2 kg Skill Set</b>	AVI20219	Certificate II in Aviation (Ground Operations and Service)	AVIY0028	Operate remotely piloted aircraft in excluded category sub-2 kg operations	30	30	
	<b>Application of this skill set</b>						
	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.						
	<b>Stack this skill set with:</b>						
Skill sets: AVISS00057 Remotely Piloted Aircraft Systems Observer Skill Set Skills clusters: Advanced Business (Commerce); Advanced Chemicals; Advanced Aquaculture; Advanced Tourism; Advanced Website Development							
<b>More information</b>							
<ul style="list-style-type: none"> <li>• Suitable for jobs in the Defence sector</li> <li>• Suitable for jobs in the Resources sector</li> </ul>							
<b>MARSS00008</b> <b>Shipboard Safety Skill Set</b>	MAR10424	Certificate I in Maritime Operations (Coxswain Grade 2 Near Coastal)	MARF060	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		
	<b>Application of this skill set</b>						
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).							

# Entry-level jobs in Transport and Logistics

ANZCO code	Role
231211	Master Fisher
899211	Deck Hand
231212	Ship's Engineer
231213	Ship's Master
7411	Storeperson
591116	Warehouse Administrator
7213	Forklift Driver

## 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 and organising



Initiative and 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
- Conduct regular safety inspections

## 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
	<b>More Information</b> <ul style="list-style-type: none"> <li>Students must be 18 years or over</li> </ul>					
Introduction to Barista	SIT20322	Certificate II in Hospitality	SITHFAB025	Prepare and serve espresso coffee	30	45
			SITXFSA005	Use hygienic practices for food safety	15	



# 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
AHC10124	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
MAR10224	Certificate I in Maritime Operations (General Purpose Hand Near Coastal)
MAR10424	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"> <li>AHCLSK234 Apply animal welfare principles to handling and husbandry of livestock (40)</li> <li>AHCSHG215 Grind combs and cutters for machine shearing (20)</li> <li>AHCSHG216 Prepare handpiece and downtube for machine shearing (20)</li> <li>AHCSHG217 Undertake basic shearing and crutching (20)</li> <li>AHCWHS202 Participate in workplace health and safety processes (30)</li> <li>AHCWOL206 Perform board duties (80)</li> </ul>
AHCSS00193 Production Horticulture Technology Skill Set	(290 nominal hours) <ul style="list-style-type: none"> <li>AHCBUS302 Use portable technology in the workplace (80)</li> <li>AHCMOM305 Operate specialised machinery and equipment (60)</li> <li>AHCMOM311 Operate precision control technology (90)</li> <li>BSBTEC201 Use business software applications (60)</li> </ul>





## Where can I find more information?

 [studentpathways.sa.edu.au](http://studentpathways.sa.edu.au)

 [education.pathways@sa.gov.au](mailto:education.pathways@sa.gov.au)



**Government  
of South Australia**

Department for Education