

The construction industry is for everyone

Skills Priority List

March 2024



A career in construction is diverse, ranging from carpentry and tiling all the way through to design, architecture and project management.

To look for jobs that match your skills and experience or for further support please visit jobs.incolink.org.au.

Building a long and sustainable career

Building and construction is one of the most important and fast-growing industries in Australia. Overall, employment has grown 78 per cent to 1.16 million over the past two decades, with projections indicating it will reach 1.26 million by 2025.*

Using this document

This document will give you an overview of the skills priority list as of March 2024.

Workers, educators, parents and students can use this document to look at different roles, understand what's involved including the skills and tickets required.

This is to serve as a guide to get a better understanding of what might suit you, your children or students.

The Skills Priority List is being updated monthly, to find the most up to date information, please visit jobsandskills.gov.au/data/skills-shortages-analysis/skills-priority-list.

→ Click [here](#) to view the Skills Priority List online.

Jobs in Demand in Construction¹

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Architect</p> <ul style="list-style-type: none"> Meet with clients or builders to discuss their requirements and prepare a design brief Prepare sketches, production drawings and detailed drawings by hand or using computer-aided design (CAD) software Combine structural, mechanical and artistic elements into a building's design, such as decks and atriums, lifts, air conditioning systems and decorative finishes Discuss designs and cost estimates with clients and others involved in the project Obtain necessary approvals from authorities Prepare specifications and contract documents for builders, tradespeople and legal advisers Evaluate projects once they are completed and occupied. 	<ul style="list-style-type: none"> Problem solving Creativity Communication skills, oral and written Self Management Planning & Organising Team work Digital technology skills 	<p>Complete an accredited degree in architecture through university.</p> <p>To be a registered Architect, apply through Architects Accreditation Council of Aust.</p>	<ul style="list-style-type: none"> English Mathematics Digital skills Drawing skills
<p>Bricklayer</p> <ul style="list-style-type: none"> Work from plans and specifications Build in door and window frames Spread layers of mortar to serve as a base and binder for bricks, and remove excess mortar Check vertical and horizontal alignment of bricks and blocks Use various tools and brick-cutting machines to cut and shape bricks Construct arches and ornamental brickwork Repair and maintain clay bricks, cement blocks/bricks and related structures Erect scaffolding (subject to licence requirements in some states and territories). 	<ul style="list-style-type: none"> Self-Management Planning & Organising Team Work Communication skills - verbal 	<p>Certificate III in Bricklaying and Blocklaying CPC33020. Vocational Education & Training</p> <p>Aptitude that will assist:</p> <ul style="list-style-type: none"> Enjoy hands on practical work Good hand-eye coordination Fitness to cope with the demands of the job Good at technical activities Likes working outdoors <p>Employers like Y12 completion with drivers' licence (but not mandatory)</p> <p>Scaffolding licences will require CPCCLSF2001 - Licence to erect, alter and dismantle scaffolding basic level (https://cfmeu.edu.au/course/scaffolding-basic/)</p>	<ul style="list-style-type: none"> English Mathematics

¹ Information extrapolated from <https://www.gooduniversitiesguide.com.au/careers-guide> March 2024

² https://www.ncver.edu.au/_data/assets/file/0013/2407/2404.pdf accessed March 2024

Role & Description	Employability Skills Required ²	Education Requirements	Secondary school subjects that will assist
<p>Building Technicians</p> <p>Covers a variety of roles including Foreman, Project Manager, Estimator, Contracts Administrator, Workplace Safety Officer and Drafting³.</p> <ul style="list-style-type: none"> • Provide skilled assistance to builders and construction managers by interpreting and carrying out directions for planning and organising building projects • Interpret building plans, regulations and codes of practice to direct progress of the work, ensuring specifications and regulations are followed, and proper methods and materials are used • Calculate costs and estimate completion times to prepare tenders • Arrange supplies of material and equipment • Draw up detailed programs for site works and the coordination of building workers • Record building progress and variations from the design drawings or specifications • Negotiate with subcontractors and report to builders and architects. 	<ul style="list-style-type: none"> • Planning & Organisation • Problem solving • Team Work • Digital Technology skills 	<p>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</p> <ul style="list-style-type: none"> • Certificate IV in Building & Construction CPC40120 • Diploma in Building & Construction CPC50220 • Bachelor of Construction Management (Hons) • Aptitude: Good at technical activities. 	<ul style="list-style-type: none"> • Mathematics • English • Digital Technology skills • Physics (can be helpful)
<p>Building Inspector/Surveyor</p> <ul style="list-style-type: none"> • Provide advice and assistance to builders and owners before finalisation and lodgement of building plans to avoid potential problems • Assess building plans submitted for approval to ensure they conform to building regulations and codes of practice • Make recommendations on matters such as the provision of amenities for the community • Issue building permits • Carry out pre-purchase inspections of all types of buildings • Inspect buildings during construction to ensure proper methods and materials are used and that they conform to building regulations • Keep records and write reports on building progress in instances where regulations have been breached and plans have been altered • Issue compliance certificates on completion 	<ul style="list-style-type: none"> • Communication skills – oral and written • Problem solving • Planning & Organising • Self-Management 	<ul style="list-style-type: none"> • VET Pathway: Advanced Diploma of Building Surveying CPC60121 • University Pathway: Bachelor of Building and Construction • Aptitude: Leadership and management skills. Enjoys technical work. 	<ul style="list-style-type: none"> • English • Mathematics • Physics

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<ul style="list-style-type: none"> • Give evidence in court cases involving breaches of building regulations • Assess the condition of existing buildings • Audit buildings for access by disabled persons. 			
<p>Building Insulation Installer⁴</p> <p>Building Insulation Installers install and apply insulating material, such as foam, granules, foil, solar film, batts and blankets, to walls, floors, windows and ceilings of buildings to insulate against heat, cold, air, sound and moisture.</p> <ul style="list-style-type: none"> • Examines plans, specifications and work sites to determine the type and quality of installations required and their location • Prepares site for insulation and the installation of fittings by nailing up furring, drilling holes for screws and bolts, and erecting scaffolding and ladders • Glues blocks and slabs of foamed plastic and cork to walls • Operates equipment to blow and spray mineral wool, fibre fill and foam insulation material into cavities • Cuts insulation material to size and shape, as well as nailing or stapling batt-type insulation to joists, studs and furring • Measures, cuts and applies solar control film to windows • Fits awnings, security screens, shower screens, prefabricated windows and doors, exterior cladding and other home improvements using hand tools • Drills holes in wood, brick, stone and fibrous structures; fitting bolts, screws and nails into place • Attaches and adjusts mechanical fittings such as cranks, locks and pull-cords • Installs flashing and waterproofing to fittings, such as shower screens and prefabricated windows and doors. 	<p>Self-Management Planning & Organising Team work Communication – oral</p>	<p>No formal qualifications are required. However, a VET course such as Certificate IV in Building and Construction CPC40120 would be highly advantageous.</p> <p>Aptitude: Likes working outdoors, physically demanding role, drivers licence is encouraged.</p>	<p>English Mathematics</p>

⁴ <https://www.yourcareer.gov.au/occupations/821411/building-insulation-installer> (accessed March 2024)

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<p>Carpenter</p> <p>Carpenters construct, erect, install, finish and repair wooden and metal structures and fixtures on residential and commercial buildings. They may also carry out work on large concrete, steel and timber structures such as bridges, dams, power stations and civil engineering projects.</p> <ul style="list-style-type: none"> • Construct formwork into which concrete is poured • Set out an outline of the building on the ground of the site, using string and pegs to allow for excavations • Build floors, wall frameworks (timber or metal) and roofs, and lay timber floors • Read plans and specifications to determine the dimensions, materials required and installation processes to be followed • Install metal and timber windows, sashes and doors • Construct and erect prefabricated units, such as cottages and houses • Cut materials with hand and power tools, and assemble, nail, cut or shape parts • Install door handles, locks, hardware, flooring underlay, insulating material and other fixtures • Maintain and sharpen tools. 	<p>Team work</p> <p>Planning and organising</p> <p>Problem Solving</p> <p>Communication skills – oral and written</p>	<p>VET Pathway – Certificate III in Carpentry</p> <p>Aptitude: Strong mathematic skills, enjoys practical work, physically fit, likes working with their hands, good sense of balance and can work at heights, good health and eyesight, enjoys working outdoors.</p>	<p>Mathematics</p> <p>English</p>
<p>Carpenter & Joiner</p> <p>Joiners cut, shape and fit timber parts in workshops or on-site to form structures and fixtures that are ready for installation. This could include built-in robes, kitchen and bathroom components or staircases</p> <ul style="list-style-type: none"> • Determine job requirements from drawings, templates and written instructions • Set up jigs, select and cut timber to size and shape using templates • Cut joints using wood-cutting machines or hand tools • Assemble prepared wood to form structures and fittings • Work with plastic laminates, perspex or metals • Maintain and sharpen tools. 	<p>Team work</p> <p>Problem solving</p> <p>Communication – oral</p>	<p>VET Pathway – Certificate III in Joinery CPC31920</p> <p>Aptitude: Enjoys practical hands on activities, enjoys working with wood, good eye and hand coordination, some mathematical skills, good health and eyesight.</p>	<p>Mathematics</p> <p>English</p>

Role & Description	Employability Skills Required ²	Education Requirements	Secondary school subjects that will assist
<p>Cabinet Maker</p> <p>Cabinetmakers make, repair or install furniture (both free-standing and fixed) using solid timber, flat-panel or timber-based products and a wide range of laminates and other materials.</p> <ul style="list-style-type: none"> • Match furnishing styles and materials to clients' needs • Deliver and monitor service to clients • Estimate job costs • Measure and draw site layouts for manufactured furniture • Read and interpret work documents in order to prepare accurate cutting lists for jobs • Program and control computer-aided design (CAD) and computer numerical control (CNC) machines • Understand and select timber and timber products for furniture production • Fabricate custom furniture • Prepare and assemble cabinets for installation • Select and install hardware to furnishings, such as handles and hinges • Perform on-site repairs and adjustments of cabinets • Clean and maintain work areas, including machinery and tools, to ensure a safe working environment. 	<p>Communication Skills – oral and written</p> <p>Planning & Organising</p> <p>Self-Management</p> <p>Team work</p>	<p>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</p> <p>Certificate III in Cabinet Making and Timber Technology MSF30322</p> <p>Aptitude: Enjoys practical and manual activities, eye for detail and works accurately, good mathematical skills, good hand and eye coordination, free from allergies to dust.</p>	<p>English</p> <p>Mathematics</p> <p>Digital Technology</p>
<p>Civil Construction Worker⁵</p> <p><i>Refer Excavator Operator, Plant Roller Operator, Consider Asphaltting and Mobile Plant Operator</i></p> <ul style="list-style-type: none"> • Clear scrub, strip grass and remove topsoil • Assist with preparation for laying drains • Spread gravel to form the road base • Operate tank-truck distributors or hoses to spray tar, road oils and emulsions on the road before surfacing • Operate paving machines or spread stone chips, gravel or asphalt onto road surfaces 	<p>Teamwork</p> <p>Good communication skills</p>	<p>Vocational Pathways: Certificate III in Civil Construction⁶ Traineeships will require an employee⁷ Year 10 as a minimum. Employers consider favourably a Yr12 completion with drivers licence.</p> <p>Industry anecdotal comments provide that they like female civil construction workers as they tend to be "gentler" on the machinery and equipment.</p> <p>Aptitude: Enjoy practical hands on work in the outdoors with heavy machinery. Able to cope with the physical demands of the job and have good hand eye coordination. Ability to work safely.</p>	<p>Mathematics</p> <p>English</p>

⁵ <https://www.gooduniversitiesguide.com.au/careers-guide/civil-construction-worker#you>

⁶ <https://training.gov.au/Training/Details/RII30920>

⁷ <https://cfmeu.edu.au/>

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<ul style="list-style-type: none"> Erect and dismantle barricades and construction signs Direct traffic through the construction area Load and unload equipment and clean the worksite Calculate the quantities for ordering materials Comply with environmental and safety orders Landscape surrounding areas with trees and grass seed. 			
<p>Civil Engineer</p> <p>Civil engineers plan, design, construct, operate and maintain roads, bridges, dams, water supply schemes, sewerage systems, transportation systems, harbours, canals, dockyards, airports, railways, factories and large buildings.</p> <ul style="list-style-type: none"> Investigate sites to determine the most suitable foundation for a proposed construction Research and advise on the best engineering solution to meet a client’s needs and budget Prepare engineering calculations required for the design of projects, and supervise the drafting of plans Produce detailed designs and documentation for the construction and implementation of civil engineering projects Organise the delivery of materials, plant machinery and equipment needed for the construction project and supervise labour Develop detailed programs for the coordination of site activities Work with other engineers, architects, landscape architects and environmental scientists Assist government bodies in preparing yearly works programs (such as work on car parks, drainage, roads, aerodromes or sewerage systems) within set budgets Operate computers to assist with the design of civil engineering projects Coordinate and direct research, development and testing of materials, processes or systems related to civil engineering works 	<p>Problem solving</p> <p>Communication skills – oral and written</p> <p>Digital technology skills</p> <p>Self-management</p> <p>Teamwork</p>	<p>Tertiary – Bachelor of Civil Engineering</p> <p>Aptitude: Leadership and management skills, practical and creative and ability to ensure safety requirements of the site.</p>	<p>Mathematics</p> <p>Physics</p> <p>English</p> <p>Chemistry</p> <p>Digital technology skills</p>

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<ul style="list-style-type: none"> • Research, advise on and plan the control and minimisation of air, water and solid waste pollution, and the management of water resources • Supervise the testing and commissioning of completed works • Analyse and interpret reports on loading, labour, productivity, quality, materials and performance • Analyse risks associated with natural disasters (including cyclones, earthquakes, fires and floods), and design structures and services to meet appropriate standards • Arrange for geological and geophysical investigations and carry out feasibility studies. 			
<p>Civil Engineer Draftsperson (Civil and Structural Engineering Associate)</p> <p>Civil and structural engineering associates provide technical support to civil engineers and civil engineering technologists. They assist with the research, design, construction, operation and maintenance of projects such as roads, airports, railways, buildings, bridges, dams and drainage systems</p> <ul style="list-style-type: none"> • Help to estimate costs, prepare specifications for materials and carry out surveying and drafting • Prepare working drawings, plans and designs for construction work • Use computers to produce designs, detailed drawings and documentation • Help with programming work and checking materials • Maintain close contact with construction workers and project managers • Check that finished works are within specifications, regulations and contract provisions • Inspect civil engineering works, and organise and supervise maintenance and repair work. 	<p>Problem Solving</p> <p>Communication skills – written and oral</p> <p>Digital technology skills</p> <p>Self-management</p> <p>Team work</p>	<p>Tertiary: Bachelor of Civil Engineering</p> <p>Graduate Diploma in Professional Engineering, Advanced Diploma of Engineering Technology, Diploma of Engineering Technology</p> <p>Vocational Pathway: Certificate III in Civil Construction RII30920</p> <p>Aptitude: Eye for detail and accuracy, practical and creative, leadership and management. Enjoy research.</p>	<p>Mathematics</p> <p>Physics</p> <p>Chemistry</p> <p>English</p> <p>Digital technology</p>

Role & Description	Employability Skills Required ²	Education Requirements	Secondary school subjects that will assist
<p>Civil Engineering Technician</p> <p>Civil engineering technicians conduct tests of construction materials and prepare sketches and tables for civil engineers and civil engineering technologists. They assist with the research, design, construction, operation and maintenance of projects such as roads, airports, railways, buildings, bridges, dams and drainage systems.</p> <ul style="list-style-type: none"> • Interpret work assignment instructions, apply appropriate procedures and select equipment under the direction of civil engineers, engineering technologists and engineering associates • Conduct field and laboratory tests of construction materials and soils, and collect data for traffic surveys • Prepare computations, sketches, charts and tables for civil engineering works such as drainage, water supply, sewage reticulation systems, roads, airports, dams, bridges and other structures. 	<p>Communication skills – oral and written</p> <p>Self-management</p> <p>Team work</p> <p>Problem solving</p> <p>Digital technology</p>	<p>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</p> <p>Tertiary: Diploma in Engineer, Advanced Diploma in Engineering Technology, Bachelor of Civil Engineering</p> <p>Aptitude: Leadership and management, eye for detail and accuracy, likes technical activities, including research and structural design. Interested in practical and creative activities.</p>	<p>Mathematics</p> <p>Physics</p> <p>English</p> <p>Digital technology skills</p>
<p>Construction Project Manager</p> <p>Construction managers are responsible for coordinating the construction of large building projects such as hotels, factories, office blocks, home unit developments, schools, hospitals and housing developments</p> <ul style="list-style-type: none"> • Interpret plans and specifications • Plan construction methods and procedures • Coordinate the supply of labour and materials • Supervise construction sites and direct site managers and subcontractors to ensure standards of building performance, quality, cost schedules and safety are maintained • Study building contract documents and negotiate with building owners and subcontractors • Control preparation of cost estimates and the documentation for contract bids • Control payment to subcontractors by valuation of completed works • Make sure that building regulations, standards and by-laws are enforced in building operations • Consult with architects, engineers and other technical workers to ensure design intentions are met • Arrange building inspections by local authorities. 	<p>Communication</p> <p>Problem Solving</p> <p>Self Management</p> <p>Initiative and Enterprise</p> <p>Technology</p> <p>Team work</p> <p>Planning & Organising</p> <p>Learning</p>	<p>Vocational Pathway: Certificate IV in Building & Construction and/or a Diploma in Building & Construction</p> <p>Tertiary Bachelor of Construction Management</p> <p>Aptitude: Leadership and management, strong personal drive, resourceful.</p>	<p>Mathematics</p> <p>Physics</p> <p>Digital Technology</p> <p>English</p>

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<p>Construction Estimator⁸ <i>(Also known as Building Estimator, Construction economist, Quantity Surveyor, Surveyor (quantity) and Cost Engineer)</i></p> <p>Building estimators discuss details with suppliers, contractors, architects, builders, engineers and project owners to prepare and deliver estimates for the completion of a construction project.</p>	<p>Communication – oral and written</p> <p>Problem Solving</p> <p>Self-Management</p> <p>Initiative and Enterprise</p> <p>Technology</p> <p>Team work</p> <p>Planning & Organising</p>	<p>Vocational Pathway: Certificate III trade qualification, Certificate IV in Building & Construction and/or a Diploma in Building & Construction</p> <p>Tertiary Bachelor of Construction Management</p> <p>Aptitude: Negotiating, financial, strong people skills.</p>	<p>Mathematics</p> <p>Physics</p> <p>Digital Technology</p> <p>English</p>
<p>Construction Rigger⁹ <i>Consider Crane Operator</i></p> <p>Riggers use mechanical load shifting equipment and associated gear to move, place or secure loads, including plant, equipment or members of a structure. Riggers ensure the stability of those members and set up and dismantle hoists.</p>	<p>Communication</p> <p>Problem Solving</p> <p>Teamwork</p> <p>Initiative & Enterprise</p>	<p>Vocational Pathway: Licence to perform rigging Basic, Intermediate & Advanced CPCCLRG3001, CPCCLRG3002 and CPCCLRG4001</p> <p>Prerequisites include Licence to perform dogging (CPCCLDG3001)</p> <p>Worksafe High Risk Licence in Elevated Work Platform about 11M</p> <p>Work safely at heights ticket (RIIWHS204E or CPCCCM2012)</p> <p>Aptitude: Strong interest in working safely with heavy machinery and in high-risk environments. Will undertake work at heights. Enjoys working outdoors. Good hand and eye coordination. Physically fit and healthy with good eye sight.</p>	<p>Mathematics</p> <p>English</p>
<p>Construction Worker <i>Consider Trades Worker</i> <i>Consider Labourer</i></p> <ul style="list-style-type: none"> • Unload, carry and stack building materials and place tools and equipment in position • Dig trenches using hand tools or jackhammers to break up rock and concrete, so that footings and services can be laid • Place and compact filling and quarry materials • Help to erect and dismantle scaffolding (subject to certification in some states and territories), ramps, catwalks, barricades and warning lights • Mix, pour and spread concrete under supervision 	<p>Teamwork</p> <p>Effective communication skills</p> <p>Planning and organising</p> <p>Self-management</p>	<p>You can work as a construction worker without formal qualifications. You will probably get some informal training on the job. You can also become a construction worker through an apprenticeship or traineeship. Some workers acquire a VET course in construction before commencing work. Entry requirements may vary, but employers generally require Year 10¹⁰. Although most employers would appreciate a worker with their drivers licence.</p> <p>Aptitude: Able to cope with the physical demands of the job. Enjoy practical hands-on work in the outdoors. The ability to maintain a constant pace of work. Ability to read and understand safety instructions. Can follow instructions.</p> <p>Will be required to complete the Constructions industry induction and hold their White Card.</p>	<p>English and Mathematics at least to Yr10</p>

⁸ <https://buildersacademy.edu.au/careers/what-is-a-building-estimator/>

⁹ <https://cfmeu.edu.au/course/rigging-basic/>

¹⁰ <https://www.gooduniversitiesguide.com.au/careers-guide/construction-worker#you>

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<ul style="list-style-type: none"> Use wheelbarrows to remove rubble and rubbish from building sites Dismantle small structures and strip materials in preparation for new construction Operate construction machinery (such as excavators), subject to any licensing and accreditation requirements Clean surfaces for painters. 			
<p>Crane Hoist or Lift Operator¹¹ <i>Refer Crane Operator</i> <i>Consider Construction Rigger</i></p> <ul style="list-style-type: none"> Testing the operation of plant before use to ensure safety Operating controls to rotate cranes, move cranes on fixed rails, raise and lower jibs and booms, and raise, lower and move hooks and objects Working in conjunction with Construction Riggers and Crane Chasers to position hooks and raise, move and place loads Controlling the movement of loads, and monitoring speed, acceleration and braking distances directly and by signalling to other operators Monitoring plant operation, instruments and gauges to detect malfunctions and problems Lubricating ropes and winches on cranes and replacing worn cables May operate cranes fitted with attachments for purposes such as demolition and pile driving May operate overhead cranes using hand controls suspended by cables from cranes. 	<p>Communication Problem Solving Teamwork Planning and Organising</p>	<p>Vocational Pathway: CPCCLHS3001 - Licence to operate a personnel and materials hoist¹² Prerequisites: White Card Construction Induction card. Aptitude: Mechanical aptitude and good coordination. Comfortable working at heights, safety conscious. Must be at least 18 years of age.¹³</p>	<p>English Mathematics</p>

¹¹ <https://www.jobsandskills.gov.au/data/labour-market-insights/occupations/7121-crane-hoist-and-lift-operators#:~:text=Crane%2C%20Hoist%20and%20Lift%20Operators%20operate%20stationary%20and%20mobile%20cranes,%2C%20sawmills%2C%20wharves%20and%20shipyards.>

¹² <https://cfmeu.edu.au/personnel-and-materials-hoist-course/>

¹³ <https://www.gooduniversitiesguide.com.au/careers-guide/crane-operator#you>

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<p>Crane Operator¹⁴ Refer Crane Hoist or Lift Operator Consider Construction Rigger</p> <ul style="list-style-type: none"> • Check the condition of the ground before setting up the crane (on a building site, for example) • Place timber blocks or steel plates under the outrigger pads of the crane • Check that the crane is level on the outriggers before attempting to lift and place a load • Be aware of how much material can be safely hoisted in each load according to the crane's capacity and the weather conditions (high winds, for example) • Ensure that cranes are ready for use by checking controls, instruments and gauges • Move the crane and position the hook so that doggers can attach loads, slings, shackles and chains • Check crane cabin instruments to ensure that loads hooked on their machines are within safe working limits • Observe and follow the signals given by doggers who direct the moving and positioning of the loads • Maintain cranes by inspecting them for defects or wear, lubricate ropes and winches, and replace worn cables. 	<p>Communication Problem Solving Teamwork Self-Management</p>	<p>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</p> <p>Vocational Pathways: Traineeships require an Employer initially and then referred into the traineeship.¹⁵</p> <p>To be considered for Mobile Crane courses candidates need to complete licence to Perform High Risk Work and complete their Dogman's and Spotters tickets¹⁶. Also, refer Education & Training for Crane Operator.¹⁷</p> <p>Employers look favourably on those with a transport and logistics background.¹⁸ Must be at least 18 years of age.</p> <p>Aptitude: Enjoy technical and engineering activities, able to concentrate for long periods, follow verbal and visual instructions, interests in mechanical and heavy machinery. Good hand eye coordination, comfortable working at heights. Safety conscious. Happy to work long hours. Industry provides "pack your breakfast, lunch and dinner as you don't know what time you'll get home".¹⁹</p>	<p>English Mathematics Physics can be helpful</p>
<p>Contract Administrator²⁰ Contract Administrators prepare, interpret, maintain, review and negotiate variations to contracts on behalf of organisations.</p>	<p>Communication skills – oral and written Team work Digital Technology Self-management Problem solving</p>	<p>You usually need relevant industry experience to work as a Contract Administrator. Formal qualifications might be useful but aren't essential. Some workers have Vocational Education and Training (VET) or university qualifications in areas such as business and management, building, construction management and law.</p> <p>Aptitude: Fast paced environment. Eye for detail and accuracy.</p>	<p>Mathematics English Digital Technology skills</p>

¹⁴ <https://www.gooduniversitiesguide.com.au/careers-guide/crane-operator#the-job>

¹⁵ <https://cfmeu.edu.au/mobile-crane-courses/>

¹⁶ <https://cfmeu.edu.au/mobile-crane-courses/>

¹⁷ <https://www.gooduniversitiesguide.com.au/careers-guide/crane-operator#you>

¹⁸ <https://metcalcranes.com.au/>

¹⁹ VCTA Coordinator

²⁰ <https://www.yourcareer.gov.au/occupations/511111/contract-administrator#how-to-become-a-contract-administrator-2> (accessed March 2024)

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Data & Telecommunications Cabler²¹</p> <p>Cablers (Data and Telecommunications) install internal telecommunications and data cabling, equipment and peripherals for computer networks, telephony, cable television and monitored security and fire alarms.</p> <ul style="list-style-type: none"> Examines drawings, specifications and work areas to determine positioning and connections for equipment to be installed Installs cabling for telephone, radio, pay tv and computer transmission Joins cables and seals sheaths with lead and thermoplastic. 	<p>Digital Technology Skills</p> <p>Problem Solving</p> <p>Communication skills – oral and written</p> <p>Planning and organising</p>	<p>Vocational Pathways: To gain cabling registration you need to complete a certificate II or III in data and voice communications, telecommunications technology or telecommunications network (build and operate).</p> <p>You can work as a Cabler (Data and Telecommunications) without formal qualifications if you are able to demonstrate your technical competency to employers</p> <p>Aptitude: Happy to work in a fast paced environment. Enjoys working outdoors. Interested in technical applications.</p>	<p>Digital Technology skills</p> <p>Mathematics</p> <p>English</p>
<p>Electrical Engineer</p> <p>Electrical engineers design, develop and supervise the manufacture, installation, operation and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation and control of electric power. They also work on electronic systems used for computing, communications and other industrial applications. Electrical engineers may specialise as electrical maintenance engineers, electrical power engineers, electrical design engineers, communications engineers or computer engineers. They may also specialise in areas such as the design and operation of power plants, generators, metal refining, rolling mills, motors and transformers, and in researching new applications of technology or production machinery.</p>	<p>Good Problem Solving skills</p> <p>Oral and Written Communication skills</p> <p>Digital technology skills</p> <p>Self Management</p>	<p>To become an electrical engineer you usually have to complete an engineering degree at university with a major in electrical, electronic, electrical power, telecommunications and network, or communications engineering.</p> <p>Aptitude: Creative and practical, enjoys computing and technical design. Leadership skills.</p>	<p>Chemistry</p> <p>Physics</p> <p>Digital Technology</p>

21 <https://www.yourcareer.gov.au/occupations/342411/cabler-data-and-telecommunications#how-to-become-a-cabler-data-and-telecommunications-2> (accessed March 2024)

Role & Description	Employability Skills Required ²	Education Requirements	Secondary school subjects that will assist
<p>Electrician</p> <ul style="list-style-type: none"> • Read electrical, architectural and mechanical diagrams, drawings or specifications to determine job requirements • Plan the layout of wiring systems • Test for, locate and repair electrical malfunctions. • Install electrical and electronic control systems and insulated cables • Install electrical equipment such as storage heaters, water heaters, electrical signs, switchboards and motors • Assemble electrical and electronic components and appliances • Connect electrical equipment to power supplies • Connect switches, outlets and other fittings • Connect circuit breakers • Maintain automated production processes. 	<p>Self-Management Teamwork Good communication skills Problem solving</p>	<p>VET Pathway: Certificate III in Electrotechnology²²</p> <p>Aptitude: Enjoys mathematics and technical activities. Good hand and eye coordination, Good eyesight (may be corrected) and normal colour vision. Likes mechanics and electronics. Eye for detail and accuracy, physically fit.</p>	<p>Mathematics Physics English Digital Technology</p>
<p>Engineering Manager</p> <ul style="list-style-type: none"> • Direct the formulation of engineering strategies, policies and plans • Ensure quality, cost, safety, timelines and performance standards are met • Interpret plans, drawings and specifications • Provide advice on engineering methods and procedures to achieve construction and production requirements • Liaise with marketing, research and manufacturing managers concerning engineering aspects of new construction and product design • Determine and put into place project and work schedules and budgets • Ensure conformity with specifications and plans, as well as with laws, regulations and safety standards • Oversee maintenance requirements to optimise efficiency • Control engineering staff selection and training • Coordinate the activities of engineering staff • Contribute to research and development projects. 	<p>Strong problem solving and analytical skills Self Management Teamwork Strong communication skills</p>	<p>Tertiary: Bachelor of Engineering, Master of Engineering, Bachelor of Surveying/Bachelor of Business</p> <p>Post Graduate: Master of Management for Engineers</p> <p>Aptitude: Interested in technical and engineering activities. Creative, Interested in leadership opportunities</p>	<p>Mathematics Chemistry Phsics English Digital Technology Skills</p>

Role & Description	Employability Skills Required ²	Education Requirements All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)	Secondary school subjects that will assist
Engineering Professionals			
<i>Refer to Civil Engineer and Electrical Engineer</i>			
<p>Excavator Operator</p> <p>Mobile Plant Operator</p> <p><i>Consider Civil Construction Worker or Asphaltting Crew</i></p> <ul style="list-style-type: none"> • Prepare machines for operation • Load and unload equipment from low loaders and move it around worksites • Select, change and operate special attachments such as winches, scrub clearers, rippers, pile drivers and rock-breaking hammers • Work from drawings and markers under the direction of supervisors and engineers Back-fill trenches • Break up paving, rock and similar material by operating hydraulic or pneumatic breakers • Excavate or scrape earth, rock or rubble to the correct level and alignment • Load trucks with excavated fill Drive machines to and from worksites • Service equipment by cleaning, lubricating and refuelling it, and make minor adjustments and repairs when necessary • Maintain duty of care for other users and work to occupational health and safety requirements. 	<p>Teamwork</p> <p>Self-Management</p> <p>Good oral communication skills</p>	<p>VET Pathway: You can work as a mobile plant operator without formal qualifications. You will probably get some informal training on the job. You can also become a mobile plant operator through a traineeship²³. Entry requirements may vary, but employers generally require Year 10.</p> <p>Aptitude: Enjoys practical and manual activities. Good at taking instruction. Physically fit and likes to work outdoors. Good eyesight and hand and eye coordination.</p>	<p>English</p> <p>Mathematics</p>
Mobile Plant Operators			
<i>Refer Excavator Operator</i>			
<p>Painter & Decorator</p> <p>Painters and decorators apply paint, varnish, wallpaper and other finishes to protect, maintain and decorate interior and exterior surfaces of domestic, commercial and industrial buildings and other structures. Painters and decorators may concentrate on a specific area of work, such as the internal or external painting of domestic homes, commercial buildings, industrial structures and equipment. They may also concentrate exclusively on restoration work.</p>	<p>Good communication skills</p> <p>Self-Management</p> <p>Teamwork</p>	<p>VET Pathway: Certificate III in Painting & Decorating through a TAFE or Training organisation.²⁴</p> <p>Aptitude: Physically fit. Doesn't mind working at heights. Enjoys practical work. Good colour vision and eye and hand coordination. Good sense of balance.</p>	<p>English</p> <p>Mathematics</p> <p>Chemistry/Science</p>

²³ <https://cfmeu.edu.au/>

²⁴ <https://training.gov.au/Training/Details/CPC30620>

Role & Description	Employability Skills Required ²	Education Requirements All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)	Secondary school subjects that will assist
Paving Plant Operator <i>Refer Civil Construction Worker</i> <i>Consider Asphaltting Crew</i>			
Plumber <ul style="list-style-type: none"> • Prepare and/or study plans and specifications to determine the layout of plumbing systems and materials needed • Find and mark positions for connections, measure pipes and mark cutting or bending lines, then cut holes through walls and floors to accommodate pipes • Cut, thread and bend pipes, assemble and install piping, valves and fittings, and join pipe sections and secure pipes • Test lines as required by local plumbing regulations • Install equipment such as boilers, chillers, pumps, heating and cooling systems, gas appliances, water tanks, water heaters and solar water heating systems, and fixtures such as toilets, wash basins and industrial processing units • Weld and braise pipework (steel, copper, plastic and stainless steel) • System testing and commissioning • Maintain and repair plumbing systems.²⁵ 	Strong communication skills Team work and self management skills Problem solving Planning and organising	Vocational pathways. Completion of Year 10 as a minimum but Employers like Apprentices to complete Y12 and have drivers licences. These requirements are employer dependant. Plumbers must apply for registration and licensing with the relevant body in their state or territory. In Victoria ^{26 27} , workers in the construction industry must undertake training in safety and induction with the Construction Induction Card (White Card) ²⁸ . Many TAFES and Training Organisations provide training for the White Card. Aptitude: Enjoy hands-on work, good eye hand coordination, happy to work at heights and cope with the physical demands of the job.	English Mathematics Consider chemistry/ physics

²⁵ <https://www.gooduniversitiesguide.com.au/careers-guide/plumber#the-job>

²⁶ <https://plumber.com.au/members-home/business-support/registration-and-compliance/>

²⁷ <https://www.vba.vic.gov.au/registration-and-licensing/plumbing-registration-and-licensing>

²⁸ <https://cfmeu.edu.au/white-card-courses/>

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Project Builder</p> <p>Project Builders manage the construction, alteration and renovation of dwellings and other buildings.²⁹</p> <p><i>Consider Project Builder vs Custom Builder</i></p> <p><i>Consider Construction Management</i></p> <ul style="list-style-type: none"> Examine and interpret clients' plans or arrange the drawing of plans to meet building regulations Submit tenders (offers to do jobs at a stated price), quotes or prices for a project to clients Arrange the submission of plans to local authorities for approval and arrange inspections of building work Organise employees and/or subcontractors to carry out all stages of building and negotiate rates of pay Calculate quantities of materials required for building projects and order these from building suppliers or advertise for tenders Arrange delivery times of materials to coincide with various stages of the building process Supervise the work of employees and/or subcontractors to ensure buildings are of an acceptable standard and are proceeding according to the contract requirements and program schedule Coordinate the activities of office staff involved in the preparation and payment of accounts Comply with state and federal legal statutory contract law.³⁰ 	<p>Good communication skills</p> <p>Planning and organising</p> <p>Problem solving skills</p> <p>Teamwork</p> <p>Self-management skills</p>	<p>Vocational Pathways: Apprenticeship. Minimum completion Year 10 however many employers prefer a Year 12 completion along with drivers licence.</p> <p>Some states require a builder to be registered.</p> <p>Tertiary Pathways: Bachelor of Construction Management</p> <p>Aptitude: Leadership skills, technical activities, physically fit to manage the workload.</p>	<p>English</p> <p>Mathematics</p>
<p>Railway Infrastructure Worker</p> <p>Railway infrastructure workers work on the construction, maintenance and operation of railway infrastructure, including tracks, signalling equipment and buildings. Railway infrastructure workers work on railway lines and at transfer yards, mines and quarries. They work shifts, including weekends and public holidays.</p>	<p>Teamwork</p> <p>Good communication skills</p>	<p>You can work as a railway infrastructure worker without formal qualifications, but employers usually require Year 10. Once you are employed, you will receive formal training, both on and off the job. On completion of this training, you may receive a nationally recognised qualification³¹.</p>	<p>English</p> <p>Mathematics</p>

29 <https://www.yourcareer.gov.au/occupations/133112/project-builder>

30 <https://www.gooduniversitiesguide.com.au/careers-guide/builder#the-job>

31 <https://www.gooduniversitiesguide.com.au/careers-guide/railway-infrastructure-worker#you>

Role & Description	Employability Skills Required ²	Education Requirements	Secondary school subjects that will assist
<ul style="list-style-type: none"> Inspect and monitor railway tracks Check, assess and maintain track-laying equipment Install, maintain and repair tracks, sleepers (wooden or concrete support slats) and ballast (crushed stone surrounding the tracks and sleepers) Operate equipment Perform general site maintenance of the rail corridor.³² 		All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)	
<p>Railway Track Operator Refer Railway Infrastructure Worker</p>			
<p>Railway Track Worker Refer Railway Infrastructure Worker</p>			
<p>Render Solid Plaster³⁵</p> <ul style="list-style-type: none"> Level and straighten corners, angles, and wall and ceiling surfaces Clean and prepare surfaces by stapling wire-mesh frames to them, or by roughening them with mechanical hammers Mix and apply coats of plaster, cement, render or similar materials to walls and ceilings, levelling and smoothing them using trowels Apply finishing coats of plaster to give a smooth finish or decorative texture Fix precast cornices and panel mouldings, ceiling centres and other plaster fittings Render exterior walls and moulds Finish the underside of concrete floors with a mixture of cement and granite chips or blue metal Erect scaffolding (subject to licence requirements in some states or territories) and trestles.³⁶ 	<p>Good communication skills Teamwork Planning and organising</p>	<p>Vocational Pathways: Apprenticeship. Minimum Yr 10 but employers look favourably on Yr 12 completion with drivers licence. Certificate III in Solid Plastering³⁷</p> <p>Aptitude: Enjoy practical hands-on work, good eye hand coordination, able to work safely at heights, strong eye for detail and ability to work neatly and accurately. Physically fit with ability to work with materials used consider allergies.</p> <p>Will need to read and interpret work from plans (skills gained through apprenticeship).</p>	<p>English Mathematics</p>
<p>Road Roller Operator <i>Refer Civil Construction Worker, Excavator Operator, Mobile Plant Operator</i> <i>Consider Asphaltting</i></p>			

32 <https://www.gooduniversitiesguide.com.au/careers-guide/railway-infrastructure-worker#you>

33 <https://www.metroacademy.com.au/metro-academy/about/>

34 <https://www.metroacademy.com.au/metro-academy/course-list/>

35 <https://www.gooduniversitiesguide.com.au/careers-guide/solid-plasterer>

36 <https://cfmeu.edu.au/scaffolding-courses>

37 <https://training.gov.au/Training/Details/CPC31011>

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Roof Plumber³⁸ <i>Refer Plumber</i></p> <ul style="list-style-type: none"> Studying blueprints, drawings and specifications to determine the layout of plumbing systems and materials required Setting out and installing hot and cold water systems and associated equipment Installing water-based fire protections systems, including fire hydrants, hose reels and sprinkler systems Designing and installing sanitary plumbing and water supply systems, discharge pipes and sanitary fixtures Fabricating and installing soil and waste stacks Assembling and installing mechanical services plant, air handling and conditioning equipment and small bore heating systems Installing sewerage and effluent pumping equipment and disposal systems Installing below-ground drainage systems and associated ground support systems Installing gas appliances, flues and pressure regulating devices. 	<p>Strong communication skills Team work and self management skills Problem solving Planning and organising</p>	<p>Vocational pathways. Completion of Year 10 as a minimum but Employers like Apprentices to complete Y12 and have drivers licences. These requirements are employer dependant.</p> <p>Plumbers must apply for registration and licensing with the relevant body in their state or territory. In Victoria^{39 40} workers in the construction industry must undertake training in safety and induction with the Construction Induction Card (White Card).⁴¹ Many TAFES and Training Organisations provide training for the White Card.</p> <p>Aptitude: Enjoy hands-on work, good eye hand coordination, happy to work at heights and cope with the physical demands of the job.</p>	<p>English Mathematics Consider chemistry/physics</p>
<p>Roof Tiler <i>Refer Roofer⁴²</i></p> <p>Roofers cover houses and other structures with roof tiles, slates, shingles or steel sheeting to form waterproof and durable surfaces.</p> <ul style="list-style-type: none"> Examine drawings, specifications and worksites to determine materials required Assess risks Erect ladders and tile elevators Erect and dismantle restricted-height scaffolding 	<p>Teamwork Good communication skills Planning & Organising Self-management</p>	<p>Vocational Pathway: Certificate III in Roof Tiler⁴³</p> <p>Will need to complete Safe Working at Heights⁴⁴</p> <p>Aptitude: Enjoys practical hands on activities, good sense of balance, along with hand eye coordination and a willingness to work at heights and outdoors.</p>	<p>English Mathematics</p>

38 <https://www.skills.vic.gov.au/s/occupation/a0k4a0000009dU4AAI/roof-plumber>

39 <https://plumber.com.au/members-home/business-support/registration-and-compliance/>

40 <https://www.vba.vic.gov.au/registration-and-licensing/plumbing-registration-and-licensing>

41 <https://cfmeu.edu.au/white-card-courses/>

42 <https://www.gooduniversitiesguide.com.au/careers-guide/roofer>

43 <https://training.gov.au/Training/Details/CPC30820>

44 <https://cfmeu.edu.au/work-safely-at-heights-course/>

Role & Description	Employability Skills Required ²	Education Requirements All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)	Secondary school subjects that will assist
<ul style="list-style-type: none"> Place roofing underlays over eaves and secure them by nailing or stapling these to roofs Correctly space and nail wooden strips (battens) across the roof rafters on which the tiles or other roofing material will be placed Measure and cut roofing material to fit around vents, chimney edges and the hips and valleys of the roof Fix roof flashings (weatherproof covering) Fix the ridge caps and gable ends with cement mortar or tech screws Apply protective paint coating systems Clear the roof of debris after job completion. 			
<p>Scaffolder</p> <p>Scaffolders erect and dismantle scaffolding to provide work platforms on building or industrial sites, or for temporary structures such as stages, seating and catwalks.</p> <ul style="list-style-type: none"> Check requirements from drawings and written instructions, select materials and set ground levels Fit together steel pipes, support braces and clamps to form bases for scaffolds Lift and position sections of scaffolding and bolt pipes together to build up scaffolding Place planks over horizontal bars to create platforms Check levels in scaffolding structures Use prefabricated scaffolding when available Dismantle scaffolding at the completion of a job. 	<p>Teamwork</p> <p>Good communication skills</p> <p>Planning & organising</p> <p>Problem solving</p>	<p>Vocational pathways: Traineeships. Employers are required.⁴⁵ Scaffolding Basic, Intermediate & Advanced.</p> <p>Prerequisites including White Card and Work Safely at Heights</p> <p>Aptitude: Enjoy practical hands on, manual activities. Physically fit to cope with the demands of the job which can include heavy lifting, able to work at heights with a good sense of balance and hand eye coordination. Must be at least 18 years of age.⁴⁶</p>	
<p>Steel Metal Worker</p> <p><i>Consider Sheet metal worker</i></p> <p><i>Consider Fabricator</i></p> <p><i>Consider Boilermaker</i></p> <p><i>Engineering Tradesperson – Fabrication⁴⁷</i></p>	<p>Teamwork</p> <p>Good communication skills</p> <p>Self-management</p> <p>Problem solving</p> <p>Technology</p>	<p>Vocational Pathways: To become a fabrication engineering tradesperson you usually have to complete an apprenticeship. Entry requirements may vary, but employers generally require Year 10. Employers look favourable on Y12 completion with drivers licence. Certificate III in Fabrication.⁴⁸</p>	<p>Digital technology</p> <p>English</p> <p>Mathematics</p> <p>Chemistry</p>

⁴⁵ <https://cfmeu.edu.au/scaffolding-courses/>

⁴⁶ <https://www.gooduniversitiesguide.com.au/careers-guide/scaffolder#you>

⁴⁷ <https://www.gooduniversitiesguide.com.au/careers-guide/engineering-tradesperson-fabrication#the-job>

⁴⁸ <https://training.gov.au/Training/Details/MEM31922>

Role & Description	Employability Skills Required ²	Education Requirements All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)	Secondary school subjects that will assist
<ul style="list-style-type: none"> Examine detailed drawings or specifications to find out job, material and equipment requirements Cut, roll, shape, bend, mould, spin, heat or hammer metal products to fabricate parts or sub-assemblies Heat treat metal parts and components Set up and/or operate hand and machine tools, welding equipment or Computer Numerically Controlled (CNC) machines Assemble parts and structures by lining up and joining them by welding, bolting or riveting Finish products by cleaning, polishing, filing or bathing them in acid solutions, or by applying protective or decorative coatings. 			
<p>Steel Fixer</p> <p>Steel fixers position and secure steel bars or steel mesh to reinforce concrete structures.</p> <p>Steel fixers are mainly employed in the industrial/commercial sectors of the building industry on construction sites. They may also work in pre-cast concrete plants, as well as in areas of pre-stressing, post-stressing and tensioning, using hydraulic jacks and tensioning mechanisms.</p> <ul style="list-style-type: none"> Read and interpret working plans and steel lists for the job Set out the work from these instructions Make steel bars or mesh the required length by cutting them with bolt cutters, guillotines or power saws Assemble the reinforcing bars or mesh by welding, wiring or clipping into predetermined locations within the concrete Fabricate steel reinforcement such as beams, footing pads or special units Join prefabricated units together for large sections of high rise or civil projects, and position the reinforcement ready for concrete pours. 	<p>Teamwork</p> <p>Good communication skills</p> <p>Planning & Organising</p>	<p>Vocational Pathways: As part of an apprenticeship, Certificate III in Steelfixing⁴⁹</p> <p>Prerequisites include Construction White Card.</p> <p>Aptitude: Physically fit to carry out demands of the job, enjoys practical hands-on roles and able to work at heights.</p>	<p>English</p> <p>Mathematics</p>
<p>Structural Engineer</p> <p><i>Refer to Civil Engineer</i></p>			
<p>Structural Steel Erector</p> <p><i>Refer to Rigger, also Scaffolder, Steel Worker</i></p>			

49 <https://training.gov.au/Training/Details/CPC31120>

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Tiler - Wall and Floor⁵⁰</p> <ul style="list-style-type: none"> • Look at plans, measure and mark surfaces to be covered and lay out work • Prepare wall and floor surfaces by removing old tiles, grout, cement and adhesive • Use tile-cutting tools to cut and shape tiles needed for edges, corners, or around obstacles such as fittings and pipes • Attach tiles to surfaces, using correct adhesive, making sure that patterned tiles match • Space and even the tiles by using tools such as spirit levels, squares and plumb-lines • Prepare and apply grout, remove excess grout, clean and polish tiles • Lay floors of cement, granolithic, terrazzo or similar composition • Apply waterproofing systems. 	<p>Self-Management Teamwork Good communication skills Technology</p>	<p>Vocational Pathway: Apprenticeship completing a Certificate III in Wall and Floor Tiling⁵¹</p> <p>Minimum Yr 10 completion but employers look favourably on a Yr12 completion with drivers licence.</p> <p>Aptitude: Enjoys practical hands on manual activities. Doesn't mind working at heights. Good hand eye coordination with an eye for detail work which can be completed neatly and accurately. Creativity.</p> <p>Industry anecdotal comments provide that female tilers are excellent due to their small hands, creativity and eye for detail.</p>	<p>Mathematics English</p>
<p>Trades Workers <i>Refer Construction Workers</i></p>			

50 <https://www.gooduniversitiesguide.com.au/careers-guide/tiler-wall-and-floor#you>

51 <https://training.gov.au/Training/Details/CPC31320>

Role & Description	Employability Skills Required ²	Education Requirements <small>All roles will require completion of the Construction Induction Card (White Card – CPCWHS1001)</small>	Secondary school subjects that will assist
<p>Truck Driver</p> <ul style="list-style-type: none"> • Drive defensively and handle hazardous road conditions • Load goods onto the truck either by hand, or by using a forklift or other lifting equipment • Make sure loads are correctly placed and secured to avoid damage to the truck or goods • Couple and uncouple trailers • Perform pre- and mid-trip vehicle and security inspections • Carry out basic vehicle maintenance • Drive vehicles to their destination and unload • Carry out administrative duties, such as checking items against the inventory, recording damage, collecting payments and issuing receipts • Enter information into in-cab electronic equipment to record required trip information • Maintain a work diary with details of trips. 	<ul style="list-style-type: none"> Self-management Good communication skills Technology Problem solving skills Planning & Organising 	<p>You can work as a truck driver without formal qualifications. You will probably get some informal training on the job. Applicants must also undertake practical and written tests and obtain one or more heavy vehicle licences before commencing work. You can also become a truck driver through a traineeship. Entry requirements may vary, but employers generally require Year 10.</p> <p>You must be at least 18 years old and hold a full drivers licence.</p> <p>A heavy vehicle licence is required to drive any vehicle that exceeds 4.5 tonnes gross vehicle mass (GVM). The National Heavy Vehicle Regulator (NHVR) is the sole administrator of the heavy vehicle national law.⁵²</p> <p>Depending on the truck to be driven (Light, Medium or Heavy Rigid vehicle) will require appropriate licences. Refer to Vicroads website for providers.⁵³</p> <p>Industry anecdotal comments provide that they like female truck drivers as they tend to be “gentle” on the equipment.</p> <p>Aptitude: Enjoys practical hands-on work with a mechanical aptitude. Likes working independently. Able to cope with the physical demands of the job which can include heavy lifting and sitting for long periods. Must be safety conscious and meet the age requirements. Mathematics skills should be sufficient to understand weight of loads and the like.</p>	<ul style="list-style-type: none"> Mathematics English Digital technology skills

Welder First Class

Refer Sheet Metal Worker - Engineering Tradesperson – Fabrication⁵⁴

⁵² <https://www.vicroads.vic.gov.au/licences/licence-and-permit-types/heavy-vehicle-licence>

⁵³ <https://www.vicroads.vic.gov.au/licences/licence-and-permit-types/heavy-vehicle-licence/accredited-heavy-vehicle-training-and-test-providers>

⁵⁴ <https://www.gooduniversitiesguide.com.au/careers-guide/engineering-tradesperson-fabrication#the-job>

