

TRADES

Air conditioning, building, construction,
electrical, electronics, finishing trades,
high risk, plumbing and refrigeration



BUILDING DESIGN



The working life of a building designer is diverse, challenging and rewarding. Our graduates are ready to enter the industry and work on a variety of construction projects, including residential and commercial. You will learn from our highly experienced teachers who work in the local industry, bringing their expertise and real-world insights into the classroom.

Courses

- Statement of Attainment training in 3D Models of Building Designs
- Statement of Attainment – 2D Engineering Drafting
- Statement of Attainment – 3D Engineering Modelling

Career opportunities

Courses in building design can lead to careers in a variety of settings such as:

- Construction design
- Drafting for structural engineering companies

BUILDING MANAGEMENT



Taught by industry professionals, our building management courses are designed to meet the needs of builders and managers of small to medium-sized building businesses. You will gain a range of skills relevant to building management, including selecting contractors, overseeing the work and its quality and liaising with clients.

Courses

- Diploma of Building and Construction (Building) CPC50220
- Diploma of Building and Construction (Management) CPC50320
- Certificate IV in Building and Construction CPC40120
- Certificate IV in Building Project Support CPC40320
- Certificate II in Construction Pathways CPC20220
- Statement of Attainment training in 3D Models of Building Designs

Career opportunities

Courses in building management can lead to careers in a variety of settings such as:

- Builder
- Builder – B and C Class licence
- Building estimator
- Building site manager
- Building site supervisor
- Construction manager
- Contract administrator
- Estimating manager
- Project manager
- Sales Manager

CONSTRUCTION



If you enjoy working with your hands and creating things from scratch, a course in carpentry or cabinet making can open the door to a rewarding trade career. Through practical learning opportunities and classes taught by industry professionals, you will gain the knowledge and skills you need to work on a range of projects.

Before you can enter a construction site in the ACT, you must complete the General Construction Induction (White Card) Training and hold a White Card. Our White Card course is compliant with the national code for workers in the ACT and NSW construction industry (CPCCWHS1001 Work safely in the construction industry).

Courses

- Certificate III in Cabinet Making and Timber Technology (Furniture) MSF30322
- Certificate III in Carpentry CPC30220

- Statement of Attainment – General Construction Induction (White Card Training)
- Statement of Attainment – Height Safety
- Statement of Attainment – Course in Asbestos Awareness 11084NAT
- Statement of Attainment – Course in Crystalline Silica Exposure Prevention 10830NAT
- Statement of Attainment – Course in Working Safely with Asbestos Containing Materials 11348NAT

Career opportunities

Courses in construction can lead to careers in a variety of settings such as:

- Builder's labourer
- Cabinet maker
- Carpenter
- Construction worker
- Furniture maker

ELECTRICAL, REFRIGERATION AND AIR CONDITIONING



Electrical is a rewarding and versatile trade that powers the homes, businesses and industries we rely on every day. At CIT, you can develop the skills needed to become a qualified 'sparkie', working with a wide range of electrical equipment and systems in residential, commercial and industrial settings. Through hands-on training in our custom-built electrical workshops, you will learn to install, test, maintain and repair electrical systems while developing the knowledge required to work safely in this essential and highly sought-after profession.

Refrigeration and Air Conditioning is a dynamic trade that plays a vital role in modern life, from household refrigerators and air conditioners to large-scale cooling systems in shopping centres, supermarkets, office buildings and data centres. At CIT, you will develop the skills and knowledge to install, service, maintain and troubleshoot refrigeration and air conditioning systems, including refrigerant handling, system controls, air distribution and mechanical plant operation. You will gain hands-on experience working with electrical controls, copper pipework, gas fittings and

refrigeration equipment, preparing you for a rewarding career in an industry that relies on skilled technicians to keep essential systems operating safely, efficiently and reliably.

Courses

- Certificate III in Air Conditioning and Refrigeration UEE32225
- Certificate III in Electrotechnology Electrician UEE30820

Post-trade courses

- Statement of Attainment – Restricted Electrical Disconnect – Reconnect
- Statement of Attainment - Designer-Installer Grid-connected Photovoltaic Systems
- Statement of Attainment - Grid-connected Battery Storage Systems Designer-Installer Skill Set UEES00191

Career opportunities

These courses can lead to careers in a variety of settings such as:

- Battery storage and solar installer
- Electrician
- Refrigeration and air conditioning technician

ELECTRONICS



Electronics combines engineering, technology and problem-solving to support the devices and systems we use every day. At CIT, you will gain hands-on experience in our electronics laboratories and custom-built workshops, using industry-standard equipment to develop skills in circuit design, fault finding, testing, repair and maintenance of electronic systems. You will build knowledge in areas such as digital electronics, power supplies, soldering, fault finding and repair techniques, radio frequency transmission systems and amplifiers, preparing you for careers installing, commissioning and maintaining a wide range of electronic equipment and technologies.

Courses

- Certificate III in Electronics and Communications UEE30920
- Certificate II in Electronics UEE21920

Career start

The Certificate II in Electronics (UEE21920) delivers the basic foundations in electronics, electrical and refrigeration and air conditioning along with workplace safety skills so you can begin your career.

ENGINEERING



Learn the skills and knowledge needed to work as an engineering draftsman in civil, mechanical, or manufacturing environments. Our engineering drafting courses cover industry-standard drafting and modelling techniques, along with key workplace practices. You'll gain practical experience using professional terminology and communication, and graduate ready for employment or further study in engineering.

Courses

- Statement of Attainment in 3D Engineering Modelling
- Statement of Attainment in 2D Engineering Drafting

Career opportunities

Courses in engineering can lead to careers in a variety of settings such as:

- Civil engineering drafter
- Detail design drafter
- Mechanical engineering drafter
- Mechanical engineering technician
- Production draftsman

FINISHING TRADES



Bring buildings to life with a career in the finishing trades. From installing and glazing glass, laying quality wall and floor tiles, and constructing wall and ceiling linings, to adding the final touch through painting and decorating, these Certificate III qualifications provide the practical skills, technical knowledge and hands-on experience needed to work across residential and commercial construction projects. Develop expertise in a specialised trade and build a rewarding career shaping the look, function and finish of modern spaces.

Courses

- Certificate III in Glass and Glazing MSF30422
- Certificate III in Painting and Decorating CPC30620
- Certificate III in Wall and Ceiling Lining CPC31220
- Certificate III in Wall and Floor Tiling CPC31320

PLUMBING



At CIT, we offer a range of plumbing courses to provide you with a pathway towards a plumbing or gas fitting licence. All our plumbing courses are delivered in state-of-the-art plumbing facilities with industry-standard equipment, giving you the practical skills you need to begin or advance your plumbing career.

Courses

- Certificate III in Plumbing (General Plumber and Roofing) CPC32420
- Certificate III in Roof Plumbing CPC32620
- Certificate II in Drainage CPC20720
- Statement of Attainment – Backflow Prevention
- Statement of Attainment – Drainage (Licensing)
- Statement of Attainment – Gasfitting Plumbing (Licensing)
- Statement of Attainment – Hot Water Temperature Control Devices
- Statement of Attainment – Plumbing Prevocational Skills
- Statement of Attainment – Plumbing Work Practice
- Statement of Attainment – Restricted Electrical Disconnect – Reconnect
- Statement of Attainment – Sanitary Pipework (Licensing)
- Statement of Attainment – Water Plumbing (Licensing)
- Statement of Attainment – training in Duct Installation

Career opportunities

Courses in plumbing can lead to careers in a variety of settings such as:

- Plumber
- Plumber-drainer and gasfitter
- Roof plumber

HIGH RISK

Build the skills and knowledge required to work safely in high risk roles across the construction industry and gain your High Risk Work Licence (HRWL).

Our training covers a wide range of activities including cranes, rigging, scaffolding, dogging, elevated work platforms and forklifts. You'll learn how to operate equipment, assess site conditions and meet compliance requirements to perform high risk work safely and effectively.

Courses

- Statement of Attainment – Forklift Operations
- Statement of Attainment – Licence to Erect, Alter, and Dismantle Scaffolding
- Statement of Attainment – Licence to Operate a Tower Crane
- Statement of Attainment – Licence to Perform Dogging
- Statement of Attainment – Operating a Boom Type Elevated Platform for a Licence
- Statement of Attainment – Operating a Mobile Crane for a Licence (CN to CO)
- Statement of Attainment – Operating a Vehicle Loading Crane (capacity 10 metre tonnes and above) (CV)
- Statement of Attainment – Rigging for a Licence
- Statement of Attainment – Enter and Work in Confined Spaces

We also offer a range of Verification of Currency (VOC) assessments and refresher training across high risk work areas, including cranes, rigging, dogging, scaffolding, forklifts and elevated work platforms.

Career opportunities

Courses in high risk can lead to careers in a variety of settings such as:

- Crane operator
- Dogger
- EWP operator
- Forklift driver/operator
- Mobile crane operator
- Rigger
- Scaffolders
- Tower crane operator
- Vehicle loading crane operator





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