

# TRADES

Air conditioning, building, construction,  
electrical, electronics, 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**

- Certificate IV in Residential Drafting CPP40121
- Statement of Attainment training in 3D Models of Building Designs

## **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
- 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 in General Construction Induction (White Card Training)
- Statement of Attainment in Height Safety
- Statement of Attainment in Insulation Installation
- Statement of Attainment in Asbestos Awareness 11084NAT
- Statement of Attainment in Course in Crystalline Silica Exposure Prevention 10830NAT
- Statement of Attainment in Course in Working Safely with Asbestos Containing Materials 10852NAT

## 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



At CIT, we offer a range of electrical trade qualifications. Develop the skills you need to become a qualified 'sparkie' to work with a variety of electrical equipment and systems in residential, commercial and industrial premises. During your course, you will have a range of hands-on learning opportunities to practice and develop your skills in our custom-built electrical workshop. Refrigeration and air conditioning provides a unique and varied career pathway, covering both electrical and mechanical areas. You will gain the practical skills you need to be able to work across domestic, commercial and industrial areas.

## Courses

- Certificate III in Air Conditioning and Refrigeration UEE32220
- Certificate III in Electrotechnology Electrician UEE30820

## Post-trade courses

- Statement of Attainment in Restricted Electrical Disconnect – Reconnect
- Non-Accredited Training in Electric Vehicle (EV) Charging and Associated Equipment

## Career opportunities

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

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

# ELECTRONICS



Are you interested in electronics and electronic equipment? Would you like to learn how to install, commission, repair and maintain electronic equipment? As an electronics student at CIT, you will have many hands-on opportunities to practice and develop your skills in our custom-built electrical and electronics workshops.

## **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



Our engineering courses will develop your theoretical knowledge and equip you with the practical, hands-on skills you need to start your engineering career or prepare for higher study pathways in civil or mechanical engineering. You will learn the basic principles of engineering design drafting work and the basic technical elements for engineering design, and graduate with industry-relevant skills.

## **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
- Civil engineering technician
- Engineering site supervisor
- Engineering estimator
- Detail design drafter
- Mechanical engineering drafter
- Mechanical engineering technician
- Production draftsman
- Technical sales representative



# 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 CPC32420
- Certificate III in Roof Plumbing CPC32620
- Certificate II in Drainage CPC20720
- Statement of Attainment in Backflow Prevention
- Statement of Attainment in Drainage (Licensing)
- Statement of Attainment in Gasfitting Plumbing (Licensing)
- Statement of Attainment in Hot Water Temperature Control Devices

- Statement of Attainment in Plumbing Prevocational Skills
- Statement of Attainment in Plumbing Work Practice
- Statement of Attainment in Restricted Electrical Disconnect – Reconnect
- Statement of Attainment in Sanitary Pipework (Licensing)
- Statement of Attainment in 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

Learn the skills you need to operate cranes, hoists and elevated work platforms (EWP) in the construction industry and obtain your licence for high-risk work.

Learn the skills you need to perform dogging, rigging and scaffolding work in the construction industry.

Gain the skills and knowledge required to check forklift condition, drive the forklift to fulfill operational requirements, monitor site conditions and maintain forklift performance.

## Courses

- Statement of Attainment in Forklift Operations
- Statement of Attainment in Licence to erect, Alter, and Dismantle Scaffolding
- Statement of Attainment in Licence to Operate a Tower Crane
- Statement of Attainment in Licence to Perform Dogging
- Statement of Attainment in Operating a Boom Type Elevated Platform for a Licence
- Statement of Attainment in Operating a Mobile Crane for a Licence (CN to CO)
- Statement of Attainment in Operating a Vehicle Loading Crane (capacity 10 metre tonnes and above) (CV)
- Statement of Attainment in Rigging for a Licence
- Non-Accredited Training in Verification of Currency (VOC) in Elevated Work Platforms under 11 metres
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Cranes
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Rigging
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Dogging
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Scaffolding
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Personnel and Material Hoists
- Non-Accredited Training in Verification of Currency (VOC) in High Risk Work – Forklift
- Non-Accredited Training in Verification of Currency (VOC) in Operation of Boom Type Elevated Work Platform (and scissor lift)

## Career opportunities

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

- Crane operator
- Dogger
- Forklift driver/operator
- Hoist and EWP operator
- Rigger
- Scaffolder
- Tower crane operator
- Vehicle leading crane operator





**For more information:**

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