

2025

PROSPECTUS



012 335 5793



pcdcollege.co.za



info@pcdc.co.za

About Us

Founded in 1999, PCD College is a leading provider of skills development training in South Africa. Our mission is to bridge the skills gap by offering recognized qualifications and training programs that empower individuals to succeed in their chosen careers.

We specialise & provide training in the following fields:



- Plumbing



- Electrical



- Carpentry



- Solar studies



- Bricklaying

Accreditation

PCD College is accredited by Construction MERSETA & EWSETA, a testament of our commitment to excellence and adherence to the industry's standard. accreditation

All our programs are designed according to SAQA standards, ensuring our graduates receive a high-quality education that meets industry requirements.

BASIC PLUMBING

This introductory course is an 8-day theoretical course which covers the essential systems, tools and fittings of plumbing - Providing a solid foundation.

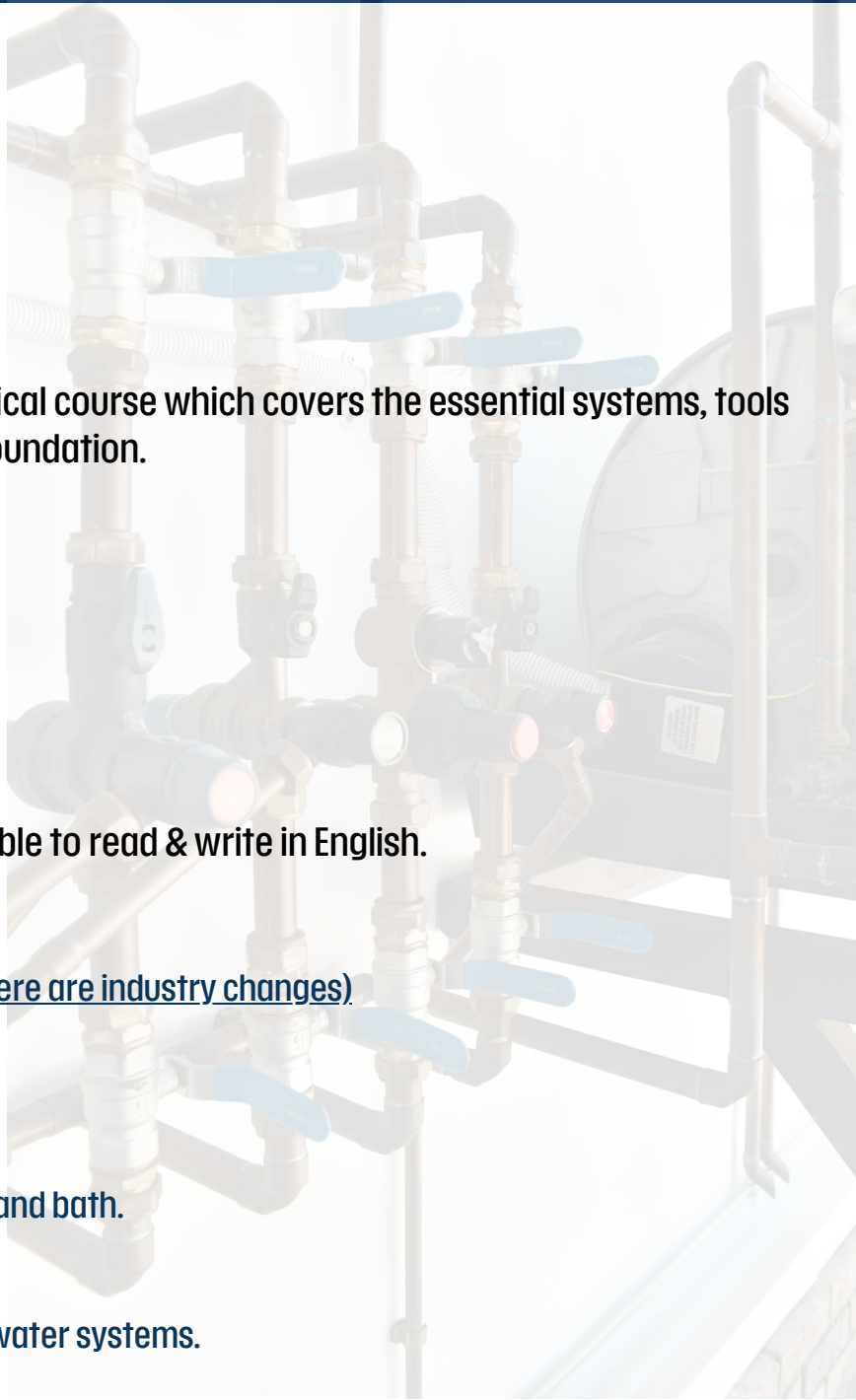
Cost : R7800

Time: 08:00 – 13:00

Requirements: Must be 16 years & older, be able to read & write in English.

Areas addressed in the course (can change if there are industry changes)

- Cold water
- Hot water systems are repaired.
- Geysers.
- Repair taps and valves.
- Install a washbasin, Shower, WC & Pedestal and bath.
- Water leaks are detected.
- Hidden pipe work traced.
- Inspect, maintain and repair soil and wastewater systems.
- Inspecting and maintaining drainpipes.
- Repairing drainpipes and fittings.
- Clearing of Blockages



BASIC ELECTRICAL

This introductory course is an 8-day theoretical & practical course and serves as a foundational program, teaching you the essential skills and knowledge necessary to perform general electrical work.

Cost : R7800

Time: 08:00 – 13:00

Requirements: Must be 16 years & older, be able to read & write in English.

Areas addressed in the course (can change if there are industry changes):

- Identify symbols and components.
- Various types of switches are identified according to their symbols.
- Various types of protection devices are identified according to their symbols.
- Various types of control devices are identified according to their symbols.
- Various types of load devices are identified according to their symbols.
- Sketch a basic circuit diagram.
- Circuits are limited to: Single way switching, two ways switching, intermediate.

SOLAR WATER HEATING & HEATPUMP COURSE

The Solar water heating & heat pump course is a 4-day theoretical & practical course.

Cost: R3 800

Time: 08:00 – 13:00

Requirements: To do this course you must have at least 1 years plumbing experience or have done the Basic plumbing course prior.

Areas addressed in the course (can change if there are industry changes):

- Understand solar energy as a source of heat.
- Solar energy and its uses in domestic water heating are explained.
- The basics of solar water heating and its applications are described.

BASIC CARPENTRY

The Basic Carpentry course is a 10-day theoretical & practical course.

Cost: R11 000

Time: 08:00 – 15:00.

Requirements: Grade 11.

Areas addressed in the course (can change if there are industry changes):

Health & Safety.

Introduction to building industry.

Reading and interpret basic building drawings: including, how to read dimensions and scales.

Determine and transfer levels including Spir – Level – Water Level and Dumpy levels.

Erecting and dismantling scaffolding including – Trestles and ladders.

How to use and maintenance Basic Carpentry tools.

Construct basic Joints.

Fit and hanging of doors.

Basic roof installations.

Ceiling.

Skirtings.

Wall Panelling.

Basic Carpentry.

BASIC FIRE FIGHTING TRAINING

Comprehensive Basic Fire Fighting Training, designed to equip individuals with essential fire safety skills and knowledge. This one-day course is perfect for both beginners and those seeking to refresh their firefighting techniques.

Cost: R1150

Key Topics Covered:

- Understanding fire behavior and types.
- Fire prevention strategies.
- Practical firefighting techniques.
- Use of fire extinguishers.
- Emergency evacuation procedures.
- First aid and CPR basics related to fire incidents.

Why Attend?

- Gain practical experience through hands-on training.
- Enhance your workplace safety knowledge.
- Meet legal compliance requirements for fire safety training.
- Receive a certificate of completion.

FIRST AID LEVEL 1 TRAINING

Become a certified first responder with our First Aid Level 1 Training. This two-day course provides essential knowledge and skills needed to handle medical emergencies confidently and effectively. Whether you're a workplace safety officer, a teacher, or simply someone who wants to be prepared, this training is for you.

Cost: R1,350

Key Topics Covered:

- Introduction to first aid and its principles.
- Assessing and managing emergencies.
- CPR (Cardiopulmonary Resuscitation) techniques.
- Wound care and bandaging.
- Managing shock and bleeding.
- Responding to burns, fractures, and other injuries

Why Attend?

- Gain valuable life-saving skills and knowledge
- Learn from qualified instructors with real-world experience
- Receive hands-on training and practical exercises
- Obtain a recognized First Aid Level 1 certificate upon completion

WORKING AT HEIGHTS TRAINING

Enhance your safety skills with our Working at Heights Training, designed for individuals who perform tasks at elevated locations. This one-day course provides essential knowledge and practical skills to ensure safety when working at heights, minimizing risks and promoting a culture of safety.

Cost: R1,200

Key Topics Covered:

- Understanding the hazards of working at heights
- Safety regulations and legal requirements
- Proper use of personal protective equipment (PPE)
- Risk assessment and management
- Techniques for safe ladder and scaffold use
- Emergency procedures for falls and rescues

Why Attend?

- Learn from experienced instructors with industry expertise
- Gain hands-on experience with equipment and safety procedures
- Meet compliance standards for workplace safety
- Receive a certificate of completion to demonstrate your training

CONFINED SPACES TRAINING

Enhance your safety skills with our Confined Spaces Training, designed for individuals who work in or around confined spaces. This comprehensive two-day course provides essential knowledge and practical skills to ensure safe practices when entering and working in confined spaces, minimizing risks and promoting safety compliance.

Cost: R1,500

Key Topics Covered:

- Understanding confined spaces and their hazards.
- Legal requirements and safety regulations.
- Risk assessment and hazard identification.
- Use of personal protective equipment (PPE).
- Safe entry and exit procedures.
- Emergency response and rescue planning.

Why Attend?

- Learn from experienced instructors with real-world expertise.
- Engage in hands-on practical exercises and simulations.
- Ensure compliance with safety regulations and standards.
- Receive a certificate of completion to validate your training.

COURSE DATES:

BASIC ELECTRICAL:

- 27 Jan – 05 Feb
- 03 March – 12 March
- 7 April – 16 April
- 12 May – 21 May
- 14 July – 23 July
- 08 Sept – 17 Sept
- 24 Nov – 03 Dec

BASIC PLUMBING:

- 20 Jan – 29 Jan
- 24 Feb – 05 March
- 31 March – 09 April
- 05 May – 14 May
- 7 July – 16 July
- 01 Sept – 10 Sept
- 17 Nov – 26 Nov

BASIC CARPENTRY

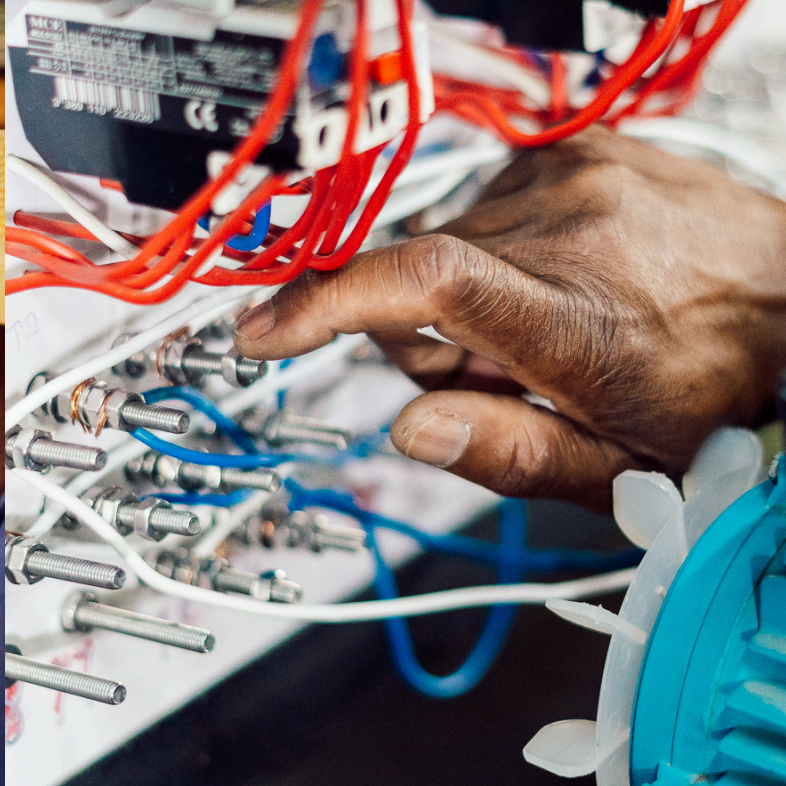
- 10 Feb - 19 Feb

ADVANCED COURSES & NATIONAL COURSES:

Starts the 20th of Jan 2025 and thereafter every Monday throughout the year, excluding the electrical nationals.

For more information contact the PCD administration office directly.

Contact: 012 335 5793
E-mail: info@pcdc.co.za



Advanced Plumbing

A background image of a plumbing workshop. It shows a white wall with a sink and various pipes and valves. The floor is made of brick, and there's a concrete floor in the foreground. The image is slightly faded to allow text to be read over it.

The Advanced Plumbing Course is a 6-week practical course.

Cost: R20 500

Time: Monday-Thursday 08:00 – 16:00 Fridays: 08:00 – 12:00

Requirements: Must be 16 years & older, be able to read & write in English.

The program can be divided into manageable sections, and the days you do attend will be counted as equivalent to six weeks of full-time study.

Areas addressed in the course (can change if there are industry changes):

- Interpret basic building drawings
- Mark out and cut sheet metal
- Fit GMS gutters and rainwater pipes
- Some Sheet Metal works
- Cut, thread and assemble GMS pipework
- Repairs and alterations to existing GMS pipework
- Install a push-through geyser
- Install a high-pressure geyser
- Repair to and maintenance of taps and valves
- Repair to HP mains
- Recognition and installation of soil and waste systems
- Install a sink
- Install a washbasin
- Install a bath
- Install a bidet
- Install a shower
- Install a WC (Pedestal)
- Install a urinal (wall Hung)
- Recognition of below-ground drainage system etc.

Advanced Electrical

The Advanced Electrical Course is a 6-week theoretical & practical course

Cost: R20 500

Time: Monday-Thursday 08:00 – 16:00 Fridays: 08:00 – 12:00

Requirements: Must be 16 years & older, be able to read & write in English.

The program can be divided into manageable sections, and the days you do attend will be counted as equivalent to six weeks of full-time study.

Areas addressed in the course (can change if there are industry changes):

- Instructions are interpreted according to work site procedures.
- Symbols used conform to ISO and IEC standards.
- The function of each component is understood and described correctly.
- Circuit diagrams are sketched neatly and symmetrically according to instructions.
- Circuit diagrams are functional according to instructions.
- Construct single-phase circuits.
- Relevant components are obtained according to diagram.
- Components are suitably and correctly connected according to diagram.
- Circuit is correctly connected to the power supply according to statutory requirements.
- Operation of the circuit is correct according to instructions.
- The reason for using overload protection is correctly stated.
- Complete task.
- Work area is cleaned in accordance with housekeeping standards.
- Ensure that tools are stored in their correct place in a accordance with work place practices and manufacturers specifications.
- Waste materials are disposed of according to work site procedures and statutory requirements and environmental standards.
- Documentation is completed in detail and submitted to meet work site standards and procedures
- Plan to wire and commission domestic or commercial circuits.
- Job instruction is interpreted, and a sequence of operation is determined.
- Applicable electrical drawings are correctly interpreted and selected to meet job requirements etc.

Full Occupational Qualification Plumbing

This full occupational qualification course is 3 years (practical & theoretical). Upon successful completion of this course, you will be awarded a recognised qualification as a skilled (qualified) plumber, enabling you to pursue a rewarding career in the plumbing trade.

Cost: R60 500 per year

Requirements:

- Grade 11 passed with Maths & Science.
- NQF Level 3 qualification equivalent to N2 knowledge areas of Engineering Maths, Science and Building Drawings.
- Applicants without Grade 11 Maths and Science will need to undertake an additional year of study to bridge the gap. This will result in a four-year course duration, rather than the typical three-year program.

Some areas of training :

- Understand and apply domestic central heating system installation and maintenance.
- Understand and apply domestic rainwater system installation and maintenance techniques.
- Apply Domestic above ground drainage system installation and maintenance techniques.
- Understand and apply domestic hot water system installation and maintenance techniques.
- Understand and apply domestic cold water system installation and maintenance techniques.
- Understand how to apply scientific principles within Mechanical Engineering Services
- How to communicate with others within Building Services Engineering etc.
- Understand and carry out site preparation and pipework fabrication techniques for domestic areas, etc.

This course is accepted in South Africa and internationally once a conversion examination is done for the country that you want to go to, this is not done by PCD College.

SAQA ID: 91782

Credits: 360

Full Occupational Qualification Electrical

This full occupational qualification course is 3 years (practical & theoretical).
Upon successful completion of this course, you will be awarded a recognised qualification as a skilled (qualified electrician, enabling you to pursue a rewarding career in the electrical trade.

Cost: R60 500 per year

Requirements:

- Grade 9 passed with Maths & science
- Applicants without Grade 9 Maths and Science will need to undertake an additional year of study to bridge the gap. This will result in a four-year course duration, rather than the typical three-year program.

Some areas of training :

- Health & safety.
- Electricity & Electronics.
- Wire way & wiring.
- Rotating Machinery.
- Fault finding & low voltage protection.
- Worksite Preparation.
- Panel wiring.
- Carry out commissioning test.

This course is accepted in South Africa and internationally once a conversion examination is done for the country that you want to go to, this is not done by PCD College.

SAQA ID: 91761

Credits: 360

Full Occupational Qualification Carpentry

The purpose of this qualification is to prepare a learner to operate as a carpenter.

Carpenters construct, erect, strip, install, renovate and repair structures and fixtures of wood, plywood, panelling, timber and steel formwork and access materials.

Cost: R60 500 per year

Requirements:

- Grade 11 passed with Maths & science
- Applicants without Grade 11 Maths and Science will need to undertake an additional year of study to bridge the gap. This will result in a four-year course duration, rather than the typical three-year program.

Some areas of training:

- Determine materials, dimensions required and setting out and preparing a work area on a construction site.
- Construct, erect, install and maintain structures on work area and building sites.
- Fit, assemble and alter internal and external fixtures of buildings such as walls, doors, window frames, fascia boards and panelling.

SAQA ID: 94022

Credits: 360

Full Occupational Qualification Bricklayer

Full Occupational Qualification Bricklayer

This full occupational qualification course is 3 years (practical & theoretical).

Upon successful completion of this course, you will be awarded a recognised qualification as a skilled (qualified) bricklayer, enabling you to pursue a rewarding career in the construction trade.

Cost: R60 500 per year

Requirements:

- Grade 11 passed with Maths & Science.
- NQF Level 3 qualification equivalent to N2 knowledge areas of Engineering Maths, Science and Building Drawings.
- Applicants without Grade 11 Maths and Science will need to undertake an additional year of study to bridge the gap.
- This will result in a four-year course duration, rather than the typical three-year program.

Some areas of training :

- Understand and apply health, safety and environmental regulations on site.
- Understand and apply basic quality control principles in construction.
- Understand and apply the correct use of construction tools, equipment, and materials.
- Understand and interpret building plans and perform basic site calculations.
- Lay bricks, blocks and stone for building superstructures and decorative features
- Understand and apply concrete work, paving and finishing techniques.
- Transfer levels, set out structures and excavate foundations.

SAQA ID: 641201000

Credits: 3180

Solar PV

The purpose of this part-qualification is to prepare the learner to operate as a Solar Photovoltaic (PV) Standalone System Mounter, this is a 1-year course.

Cost: R60 500 per year

Requirements: Qualification as an electrician.

Areas addressed in the course (can change if there are industry changes):

- Apply work health and safety regulations, codes, and practices in the workplace.
- Document and apply measures to control WHS risks associated with electrotechnology work.
- Fabricate, assemble, and dismantle utilities industry components.
- Fix and secure electrotechnology equipment.
- Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits.
- Solve problems in direct current circuits.
- Solve problems in multiple path extra-low voltage (ELV) a.c. circuits.
- Use drawings, diagrams, schedules, standards, codes, and specifications.
- Participate in electronics and communications work and competency development activities.
- Solve problems in direct current (d.c.) machines.
- Solve problems in magnetic and electromagnetic devices.
- Apply environmentally and sustainable procedures in the energy sector.
- Solve basic problems in photovoltaic energy apparatus and systems.
- Carry out basic repairs to renewable energy (RE) apparatus.
- Diagnose and rectify faults in renewable energy (RE) control systems.
- Solve problems in stand-alone renewable energy (RE) systems.
- Verify compliance and functionality of an extra-low voltage renewable energy installation

SAQA ID: 99447

Credits: 344

Heatpump Installer Course

The purpose of this qualification is to prepare a learner to operate as a heat pump installer, the course duration varies depending on whether you have a POE Portfolio of Evidence) or not: - With a POE (Portfolio of Evidence) : 1 Month. - Without a POE (Portfolio of Evidence): 2 Months – 6 Months.

Cost: R35 000

Requirements: Qualification as a Plumber.

Areas addressed in the course (can change if there are industry changes):

- Plan and prepare for the mounting of domestic air source heat pump systems.
- Read and interpret construction drawings and specifications.
- Handle, lift and position heat pump.
- Mount domestic air source heat pump system.
- Erect, use and dismantle access equipment for construction work.
- Prepare and plan for the installation of domestic air source heat pump systems in a safe and compliance environment.
- Install domestic air source heat pump systems.
- Conduct maintenance and make repairs to domestic air source heat pump systems.

Credits: 67

Solar Water Heater Installer Course

The purpose of this course is to prepare the learner to operate as a solar water installer, the course duration varies depending on whether you have a POE Portfolio of Evidence) or not: - With a POE (Portfolio of Evidence) : 1 Month. - Without a POE (Portfolio of Evidence): 2 Months – 6 Months.

Cost: R35 000

Requirements: Qualification as a Plumber

Areas addressed in the course (can change if there are industry changes):

- Theory of water
- Solar water heating tools, equipment's, components.
- Solar water heating systems.
- Preparation, installation & maintenance theory of solar water heating systems.
- Plan & prepare for the installation of pipes & mounting of solar water heating systems.
- Read & interpret construction drawings & specifications.
- Instal pipes & pipe fittings. • Mount & fit solar water heating system.
- Erect, use & dismantle access equipment for construction work.
- Prepare & plan for the installation of solar water heating systems in a safe & compliant environment
- Instal solar water heating systems. • Conduct maintenance & make repairs to solar water heating systems

Credits: 67

ARPL - RECOGNITION TO PRIOR LEARNING (PLUMBING & ELECTRICAL)

Cost: R4 000

All candidates seeking access to a trade test / External Integrated Summative Assessment (EISA) through Artisan Recognition of Prior Learning must have:

- Completed a standardised official application form provided.
- Have accumulated at least three years relevant verifiable work experience for a particular trade.
- The minimum years of work experience may be accumulated from various traceable employers or services provided to customers in the relevant trade.
- The minimum age for a person to register for ARPL is nineteen.

Experience Requirement:

A minimum of 3 years' experience in plumbing/electrical (approximately 36 months).

A service letter on official company letterhead is essential, confirming:

Starting and end dates of employment.

Duties performed, listed in point form.

Signed by a manager.

Any relevant quotations/invoices related to your work.

Additional documentation substantiating your experience as a plumber/electrician.

Registration Process:

- Interview with assessor.
- Evaluation of POE.
- Candidate's practical & theoretical evaluation.
- Registration of EISA application.

Pre-trade preparation for trade testing in plumbing & electrical

This Course is specifically designed to get you ready for your trade test.
Two weeks per student

Cost: R7 800

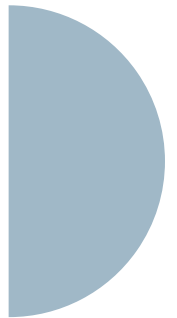
We will do the following in your pre trade preparation:

- Test on standard
- Test on speed
- Assist on standard
- Assist on speed

You will refresh your knowledge on:

- Sheet Metal
- Copper Bending
- Drainage
- Hot Water
- Cold Water

We are a NAMB approved Trade testing Centre for Plumbing and will perform the trade test for our candidates enrolled for this course for Plumbing.
Electrical candidates we assist to be trade tested externally.



Trade tests plumbing/electrical

Cost: R3 100

Requirements:

Plumbing:

Relevant Engineering NCV at NQF level 3 and a minimum of 3 years relevant Work experience; or
Relevant engineering (NC(V) 4 Plus completion of all relevant work, experience, modules and minimum of 18 months relevant work experience; or
Technical Grade 12 with Maths, Engineering Science and related trade, Theory subject and a minimum of 3 years relevant working experience; or
Relevant (directly related to the trade theory subjects) N6 certificate; or
National Technical Diploma (S or N stream) with 18 Months relevant work experience.

Electrical:

N2 Certificate including the relevant trade theory subjects and a minimum of 3 years relevant working experience; or
Relevant Engineering NCV at NQF level 3 and a minimum of 3 years relevant Work experience; or
Relevant engineering (NC(V) 4 Plus completion of all relevant work, experience, modules and minimum of 18 months relevant work experience; or
Technical Grade 12 with Maths, Engineering Science and related trade, Theory subject and a minimum of 3 years relevant working experience; or
Grade 9 and a minimum of 4 years relevant work experience; or
Relevant (directly related to the trade theory subjects) N6 certificate; or
National Technical Diploma (S or N stream) with 18 Months relevant work experience

Learning to be in place before applying to perform the trade test:

A minimum of 3 years' experience in plumbing/electrical (approximately 36 months).

A service letter on official company letterhead (with company registration number & company VAT number) is essential, confirming:

- Starting and end dates of employment.
- Duties performed, listed in point form.
- Signed by a manager.
- Any relevant quotations/invoices related to your work.
- Additional documentation substantiating your experience as a plumber/electrician.

2 Certified copies of Identity Document.

Proof of payment.

Submission Requirements Plumbing:

A small Portfolio of Evidence (POE) file is necessary showcasing your 3 years of experience containing evidence such as:

- installation and maintenance for various plumbing fixtures, including toilets, showers, drains, basins, baths, below-ground and above-ground drainage, and geysers.
- Risk assessments and job cards for each task are required (template attached).
- Additionally, please provide invoices and quotations for these jobs, along with evidence of communication with clients via email or messaging apps.

Submission Requirements Electrical:

- A Portfolio of Evidence (POE) showcasing your 3 years of experience, organized in a leather arch file, containing evidence such as (Proof of +/-10 pictures):
- Risk assessments (Health and Safety)
- Operation and maintenance of various equipment (e.g., pedestal drill, grinder, portable drilling machine)
- Use of energy meters and electrical testing instruments
- Installation tasks (e.g., connecting energy meters, measuring resistance, fitting plugs/wall sockets)
- Other relevant skills and tasks will be a good advantage to your POE.

Note:

Certification is administered by Construction CETA & requires significant amount of time to complete.



Student Accommodation



Accommodation

Shared student accommodation available at extra fee

Costs:

- Basic Course: R5,693.00
- Solar and Heatpump: R3,902.00
- Solar Water: R7,993.00
- Heat Pump: R7,993.00
- National Course: R7,993.00
- Solar PV: R7,993.00
- Advanced: R16,043.00
- Trade Test: R1,840.00
- Trade Test Prep: R5,693.00

What is included:

- Meals are provided three times daily.
- Daily transportation between the hostel & the college/site is included.
- Laundry services.

For further information or support contact our offices directly.

CONTACT US FOR MORE INFORMATION

Contact us:

 info@pcdc.co.za

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