

5. Engineering Full Qualifications



CTC delivers Engineering skills training under both Occupational Qualifications as well as the Listed (pre-2009 Legacy) Qualifications.

However, care must be taken when deciding on a Legacy trade since in accordance with the Occupational Qualifications Sub-Framework (OQSF) Policy 2021 that states:

- The last date of first-time learner enrolment for Pre-2009 qualifications shall be 30 June 2024.
- The last date of achievement for learners enrolled for Pre-2009 qualifications shall be 30 June 2027.

This means that any learner registered on Legacy with CTC, must be done with their full training within this accreditation period, this includes SDP (Off-Job) and Workplace (On-Job) training.

CTC welcomes students on both qualifications, however, bear in mind that any student enrolled on Legacy, whether they are already registered or whether they must still be enrolled in during Q1 or Q2 of 2024, must achieve the qualification prior to 30 June 2027.

6.1 Legacy (Listed) Full Qualification

Entry Requirements:

- Grade 12 with at least 40% in English, Mathematics and Physical Science.
- Minimum of N2 with four (4) subjects relevant to the trade.
- NCV level 3 with at least 40% in Mathematics (not Mathematics Literacy) and all other relevant trade specific subjects

	XX Compulsory X One or the other	Diesel Mechanic / EMEM	Auto Electrical / Electrical	Fitter / Fitter & Turner	Plater / Boilermaker	Rigger	Welder	Millwright (5 subjects)	Instrumentation
Mathematics			XX	XX	XX	XX	XX	XX	XX
Engineering Science		XX	XX	XX	XX	XX	XX	XX	XX
Engineering Drawings		XX	X	XX		XX	XX	X	
Diesel or Motor Trade Theory		XX							
Industrial Electronics			X					X	XX
Electrical Trade Theory			X					XX	
Electrical Motor Trade Theory			X						
Fitting & Machining Trade Theory				XX				XX	
Instrument Trade Theory									XX
Plating & Structural Steel Drawing					XX				
Platers Trade Theory					XX				
Riggers Trade Theory						XX			
Welders Trade Theory							XX		

The following Learnership Programmes are offered:

Legacy: All trades (excl. Millwright Finals) – 12 Weeks		
Automotive Electrician	Boilermaker	Diesel Mechanic
Earth Moving Equipment Mechanic	Electrician	Fitting (Incl. Machining)
Fitter & Turner	Instrumentation Mechanician	Millwright
Plater / Welder	Rigger Ropesman	

6.2 Legacy (Listed) Training Approach

This qualification is covered in 3 phases running over a period of 12 weeks each, Basic training, Advance training and Finals: Trade Test preparation and Trade Test. (Millwright and Fitter & Turner Finals – 16 weeks)

- Basic training covers the basics of the chosen trade, including hand / power tools, measuring instruments as well as basic processes of the trade. Additional costs, those mentioned below can include Toolboxes, PPE, Multimeter and Accommodation. Millwright training comprises of 2 blocks of Basic Training.
- Advance training takes them deeper into the more complex methods and requirements of the specific trade. Millwright training comprises of 2 blocks of Advance Training.
- On-Job training (workplace exposure) 12-18 Months if you have a learnership agreement with an employer. If you are not sponsored by an employer, it will be your own responsibility to secure On-Job Training placement. The On-Job Training can be commenced before Advanced Training is started, or it can be done entirely after completion of Advanced Training.
 - If no learnership agreement is in place 3-5 years proven experience with employers are required before a trade test may be attempted
- Final training and preparation are the preparation towards the Trade Test where they will ensure that all necessary learning has been covered and that the candidate can complete the Trade Test successfully based on both the workplace and theory aspects of the trade of choice.

6.3 Learnership / Apprenticeship Training Schedule 2024

Legacy: All trades (excl. Millwright Finals) – 12 Weeks			R 40 350.03 per course
			Finals R 706.61 per day
Basic, Advance & Finals	Block 1	08 January 2024	28 March 2024
Basic, Advance & Finals	Block 2	02 April 2024	21 June 2024
Advance & Finals (Only)	Block 3	24 June 2024	13 September 2024
Advance & Finals (Only)	Block 4	16 September 2024	06 December 2024
Quotations & Bookings		www.ctctraining.org	

Legacy: Millwright Finals – 16 Weeks			Finals R 706.61 per day
Millwright Finals (Only)	Block 1	08 January 2024	26 April 2024
Millwright Finals (Only)	Block 2	02 April 2024	19 July 2024
Millwright Finals (Only)	Block 3	24 June 2024	11 October 2024
Quotations & Bookings		www.ctctraining.org	

Amenities

In addition to the course fees, as stipulated learners may also require toolboxes and multi-meters; please enquire about these when asking for a quotation.

Please Note: Toolbox and Multi-meter prices may escalate due to currency exchange rates that fluctuate.

Toolbox and Multimeter Prices for 2024			
Trade	Legacy Toolbox	Multimeter Model	Multimeter Price
Electrical	R 7 394.34	Fluke 177	R 10 638.66
Fitter	R 12 493.31	Fluke 177 IS	R 12 189.49
Plater / Welder	R 15 692.50	Fluke 28ii IS	R 23 769.00
Diesel Mechanic	R 15 836.79	Fluke 28ii IS (Thungela & Seriti)	R 27 594.37
Millwright	R 15 804.44	TBM 252	R 1 829.60
Auto Electrical	R 11 717.02		
Rigger	R 12 734.10		
Instrumentation	R 12 043.23		
Welder	R 11 764.38		

6.4 Enrolment Process

Enrolment / Booking for Basic, Advance or Final Training can take place on-line through our website. Following the prompts on the **Apply Now** tab.

Engineering Training Contact Details

Enquiries

If you would like to receive further information on Apprenticeships / Learnerships, please send your details and request to: bookings@ctctraining.co.za

Quotations, Bookings and Registrations

If you would like to request a quotation or for bookings and registrations, please visit our CTC Website at www.ctctraining.org and follow the prompts on the **Apply Now** tab.

6.5 Trade Test Information

There are 2 options to select from for candidates in order to be accepted for trade testing.

1. **Contracted-Learners:** A learner may be employed and registered on a learnership with the relevant seta during Basic institutionalized training with the training provider. On-job training is required with a logbook being signed off by the employer in order to apply with the relevant seta for approval and acceptance and to be ready for trade testing as a contracted-learner. Thereafter the employer may book for the Final training at CTC for the learner.
2. **Non-Contracted-Learners:** RPL (Recognition of prior learning experience) testing is a requirement. The RPL test will determine the skills gap and CTC will recommend a training period for the candidate to close the gaps to be ready for the trade testing a learner who is not registered on a Learnership (apprenticeship) needs to obtain and receive relevant practical skills at a company or mine for a period of 3 years before he / she can apply with the relevant Seta for approval and acceptance for trade testing. These candidates are called non-contracted learners. Once approval has been received from the Seta, candidates can book for the RPL and final training at CTC.

Registration process

All learners are required to be registered with their relevant SETA, in order to be eligible to attempt Trade Test on the successful completion of all training modules. The SETA is the quality partner that will be responsible for generating a Learnership Agreement, as well as tracking the training progress of an individual by requiring evidence of all training completed to be captured on their respective systems. On completion of training, the SETA will then issue a Serial number to the student which is required for Trade Test. The relevant SETA will depend on the employer's preferences and normally is determined by which SETA an employer is paying the skills development levies to.

- **MQA Registrations:** As an added service, CTC will be responsible to registering the learners with the MQA. This process is initiated by CTC as soon as a learner reports for Basic training, however the employer may also contact CTC to start the process.
1. CTC will forward an email to the employer, which will include a Learner Registration Application form, which must be fully completed and returned back to CTC along with:
 - Certified copy of ID's
 - Certified copies of qualifications
 - Confirmation letter
 - Contract of Employment
 - Training Plan
 2. Information will be captured on the MQA system by CTC and the Agreement will be printed and will be shared with the 3 parties (Employer, Student and CTC) for signatures.
 3. Agreement and supporting documents as mentioned previously will be submitted to the MQA for approval and uploading to their system.

- **All other SETA's Registrations:** The registration of learners with other SETAs, like MerSETA, EWSETA, TETA, etc. will remain the Employers responsibility. However, CTC will assist with the process in which ever why we can. All employers are urged to start this process at their earliest convenience.

Minimum N2 with the relevant subjects per trade required to apply for trade testing with the relevant SETA, as stipulated in the current Trade Test Regulation.

Engineering Trade Test / ARPL Contact Details

If you would like to receive further information on the Trade Test process or are interested in following the ARPL (Artisan Recognition of Prior Learning) assessment, please send your details and request to:

- Electrical Trade Test / ARPL: admintt@ctctraining.co.za
- Mechanical Trade Test / ARPL: engadmin@ctctraining.co.za