



Engineering Skills Academy
Trade testing Centre

ENGINEERING SKILLS ACADEMY INSTRUMENTATION COURSE INFORMATION HANDBOOK





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ENGINEERING SKILLS ACADEMY. PRICE LIST

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ESA

ADMISSION OPEN FOR 2021 SESSION

Our vision is to provide engineering training services of superior quality that always exceed our customers expectations and provide an on-time delivery of engineering training services of the highest quality at best cost without compromising safety.

We are proud to announce that we are expanding to other trades

Description	Duration	Requirements	Fees
Electrical, Fitting, Millwright, Welding, Plumbing, Bricklaying Practical Modules 1-4	1 Year (4 Quarters)	Grade 9, NCV Level 2-4, N2-N6, ARPL Learners	R 45 000
Electrical, Plumbing, Bricklaying Apprenticeship Programme. The package includes Workshop practical training, Workplace exposure, ARPL Preassessment, ARPL Gap closure, ARPL assessment, Trade Test preparation and Trade Testing	1-3 Years (Depends on the candidate's previous experience & qualifications)	Grade 9, NCV Level 2-4, N2-N6, ARPL Learners	From R60 000 (T&C's apply)
ARPL Pre- Assessment	1 day	Grade 9, NCV Level 2-4, N2-N6, ARPL Learners	R 3500
ARPL Gap closure	1-2 Weeks	Grade 9, NCV Level 2-4, N2-N6, ARPL Learners	R 500
ARPL Assessment	1 day	Grade 9, NCV Level 2-4, N2-N6, ARPL Learners	R 500
Trade Test Preparation	3 Weeks	N2-N6 ,NCV 3-4, Grade 9 + ARPL, Work exp	R 9000 / R750 per day
Trade Test	2 days	ARPL assessment Pass, Gr 9 (4 years Exp), N2-N5 (3 years Exp), N6 (18 Months Exp)	R3 500
Wireman's Licence(COC) Practical Unit Standards	1 Week	Trade Certificate & Installation Rules 1& 2	R7200
Basic Programmable Logic Controllers (PLC) & Variable Speed drives (VSD)	1-2 Weeks	Grade 9, NQF Level 2-4, N2-N6, ARPL Learners	R7200
Solar System Installation, Repair & Maintenance	4 weeks (1 year Short Skills Programmes)	Grade 9, NQF Level 2-4, N2-N6, ARPL Learners	From R 14 500
Air- Conditioning and Refrigeration Installation, repair& Maintenance	4 weeks (1 year Short Skills Programmes)	Grade 9, NQF Level 2-4, N2-N6, ARPL Learners	From R 14 500
Unviversity of Technology P1 & P2 Practical Training	P1 – 6 Months P2 – 6 Months	S4	R60 000
University Students Basic Practical Vacation Training	3 weeks	University 1st Year Students	R17 000



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ENGINEERING SKILLS ACADEMY

Instrumentation Trade Preparation & Testing Centre

What do Instrumentation Mechanics do?

They Conduct instrumentation evaluation and troubleshooting for electrical, pneumatic, electronic as well as programmable logic control (PLC) systems. Ensure to commission instrumentation effective following with repair and replacement. Conduct test related to functional performance on instrumentation as needed by facility changes. They are also involved in evaluation of instrument performance to identify optimization and enhancement opportunities

Trade Test Registration Information

1 Trade Test Preparation Course Duration & Times

Full Time Learners: 3 Weeks: Monday – Friday (9:00 – 15:00)

Weekend Learners: 6 Weekends: Saturday (9:00 – 15:00) and Sunday (9:00 – 13:00)

2.0 Trade Test Examination (Testing)

a) Enrolment at Department of Higher Education and Engineering Skills Academy

Application for exam enrolment can be sent to Engineering Skills Academy by submitting the following documents and paying the enrolment fee.

i) Certified copies of ID.

ii) Copy of highest qualification



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iii) Copy of School certificate

iv) Letter for previous employers proving that the learner has practical experience in the field.

v) Completed Trade Application form

Practical experience required: See our brochure under Downloads

**REQUIREMENTS TO QUALIFY FOR ARTISAN RPL (RECOGNITION OF PRIOR LEARNING)
(PREVIOUSLY SECTION 28) TRADE TEST**

QUALIFYING CRITERIA CATEGORIES:

A. Minimum three (3) years relevant work experience within South Africa and N2 certificate including relevant trade theory. OR

B. Minimum three (3) years relevant work experience within South Africa and Relevant Engineering NC(V) NQF level 3. OR

C. Minimum three (3) years relevant work experience within South Africa and Technical Grade 12 with Maths, Engineering Science and related theory subject. OR

D. Minimum Eighteen (18) months relevant work experience within South Africa, completed of all relevant work experience modules and Relevant Engineering NC(V) NQF level 4. OR

E. Minimum Eighteen (18) months relevant work experience within South Africa and relevant (directly related to the trade theory subjects) N6 certificate or National Technical Diploma (S and N Stream)

F. Minimum four (4) years work experience within South Africa with Grade 9 (Standard 7)

G. Successful completion SETA registered NQF Level 2, 3 and 4 trade related learnerships with minimum two (2) years, inclusive of the institutional and workplace components

***The above criteria is adopted from the Trade Test Regulations vol. 599 No. 38758 of 8 May 2015 Gazette No.10425**



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It is the responsibility of the learner to supply these documents to Engineering Skills Academy (ESA) . ESA will assist with the checking of the documents. ESA takes no responsibility for the accuracy and validity of these documents.

ESA will submit the documentation for approval, but cannot guarantee approval of the application by QCTO. If the application is approved a convenient (after completion of training) examination date will be scheduled for the learner.

3. Re- Examination of Outstanding Modules

The enrolment process remains the same as for new enrolments and the same documents are submitted.

4. Course fees.

Course fees are R17, 000 for ARPL , Trade Test Preparation, Trade Test

REGISTRATION FEE OF R10 000 PAYABLE ON BOOKING OF DATE

Outstanding fee is payable on the starting date of the course or at the latest 5 working days after the start date.

If student cancels in less than 3 days prior to starting date, registration fee is non-refundable. Should a person not arrive for training the full fee is due and there is no refund (space was booked).