

PREREQUISITE TO BE ACCEPTED FOR PRACTICAL TRAINING

- **GRADE 10 WITH MATHEMATICS AND SCIENCE WITH A PASS SYMBOL (NO MATHS LITERACY)**

MINIMUM REQUIRMENTS TO OBTAIN A TRADE QUALIFICATION

- **N2 CERTIFICATE**
 - **RELEVANT TRADE THEORY**
 - **INDUSTRIAL EXPERIENCE**
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TSHWANE SOUTH COLLEGE
CENTURION CAMPUS

COLLEGE STREET
TEK BASE
LYTTELTON

GPS: S25° 48' 39.7" E28° 11' 10.7"

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COLLEGE WEBSITE
www.tsc.edu.za



TSHWANE SOUTH COLLEGE
FOR FURTHER EDUCATION AND TRAINING
"achieve the future"

CENTURION CAMPUS

**APPRENTICESHIP / PRACTICAL
SKILLS TRAINING**

AUTOMOTIVE

	DURATION	INSTITUTIONAL
MOTOR		
MOTOR LEVEL 1	7 WEEKS	12 MODULES
MOTOR LEVEL 2	10 WEEKS	10 MODULES
MOTOR LEVEL 3	12 WEEKS	9 MODULES
MOTOR LEVEL 4	8 WEEKS	6 MODULES
DIESEL		
DIESEL LEVEL 1	8 WEEKS	13 MODULES
DIESEL LEVEL 2	10 WEEKS	12 MODULES
DIESEL LEVEL 3	10 WEEKS	7 MODULES
DIESEL LEVEL 4	10 WEEKS	5 MODULES
FINISHING		
DIESEL FINISHING	3 WEEKS	
AUTO ELECTRICAL / ELECTRONICS		
AUTO ELECTRICAL 1	12 WEEKS	19 MODULES
AUTO ELECTRICAL 2	12 WEEKS	8 MODULES
AUTO ELECTRONICS	6 WEEKS	
REFRIGERATION		
REFRIGERATION & AIR	12 WEEKS	

FOR MORE INFORMATION CONTACT:

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ELECTRICAL

DURATION	MODULES
ELECTRICAL LEVEL 1 - 3	
2 - 4 WEEKS PER MODULE	<ul style="list-style-type: none"> SOLDERING PANEL WIRING HAND SKILLS BASIC ELECTRICITY DC & AC
	<ul style="list-style-type: none"> SINGLE PHASE MOTORS SINGLE PHASE STARTERS CONTROL CIRCUITS CONSTRUCTION
	<ul style="list-style-type: none"> 3 PHASE MOTORS 3 PHASE STARTERS 3 PHASE TRANSFORMERS PLC
ELECTRICAL FINISHING	6 WEEKS MAX
	<ul style="list-style-type: none"> SINGLE AND 3 PHASE MOTORS SINGLE AND 3 PHASE STARTERS VOLTAGE & CURRENT TRANSFORMERS

FOR MORE INFORMATION CONTACT

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ELECTRONICS

DURATION	CONTENT
ELECTRONICS LEVEL 1 - 3	
2 - 4 WEEKS PER MODULE	<ul style="list-style-type: none"> SOLDERING SAFETY HAND SKILLS BASIC ELECTRONICS
	<ul style="list-style-type: none"> TEST EQUIPMENT SEMI CONDUCTORS OPERATIONAL AMPLIFIERS POWER SUPPLIES DIGITAL CIRCUITS
ELECTRONICS FINISHING	6 WEEKS MAX
	COVERS ALL ASPECTS REQUIRED FOR A TRADE TEST

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MECHANICAL

DURATION	CONTENT
MECHANICAL LEVEL 1 - 3	
2 - 4 WEEKS PER MODULE	<ul style="list-style-type: none"> BASIC TURNING BASIC MILLING HAND SKILLS BASIC WELDING BASIC ELECTRONICS
	<ul style="list-style-type: none"> INTERMEDIATE TURNING INTERMEDIATE MILLING
	<ul style="list-style-type: none"> ADVANCE TURNING ADVANCED FITTING
WELDING LEVEL 2	12 WEEKS
	<ul style="list-style-type: none"> INTERMEDIATE WELDING
WELDING LEVEL 3	12 WEEKS
	<ul style="list-style-type: none"> ADVANCE WELDING
WELDING FINISHING	WELDING FINISHING
	<ul style="list-style-type: none"> WELDER - BOILER MAKER
MECHANICAL FINISHING	2 - 12 WEEKS
	<ul style="list-style-type: none"> TRADES FITTER TURNER TURNER MACHINIST TOOLMAKER FITTER & TURNER
ADVANCE TRAINING	
	<ul style="list-style-type: none"> PNEUMATICS HYDRAULICS CNC

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