

TRANSNET



Academy



TRANSNET ACADEMY

Summary Brochure



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EXECUTIVE SUMMARY

TRANSNET ACADEMY CONTEXT

Transnet Academy is an evolution of the current Transnet Learning and Development framework, which is re-positioned to support the establishment of an institution that will be a strategic partner to the business, improve governance, controls and standards. The Academy also aims to reduce excessive reliance on external service providers and related costs, whilst presenting a new revenue stream for the company.

Vision

To become a leading skills development provider in the transportation, freight, maritime, logistics and associated industries.

Academy Mandate

- ✓ Establish an Academy
- ✓ Integration of Schools
- ✓ Accreditation of the Academy
- ✓ Revenue Generation
- ✓ Developmental Mandate

Transnet Academy Goals

To Establish a portfolio of innovative Faculties to contribute to the skills development agenda of the country and the continent.

Attain Global Corporate Academy ranking and enhance graduate employability through developing flexible skills.

Generate revenue streams through innovation, training and research.



CUSTOMER
SERVICE



INTEGRITY



RESPECT
& CARE



RESPONSIBILITY



SAFETY

ACADEMY GEOGRAPHICAL PRESENCE



16

Main Centres



21

Satellite Centres



FACULTY OF RAIL

Transnet Academy – Faculty of Rail (FoR) provides rail specific skills to support the Transnet Freight Rail mandate and its operating model. Particularly, it provides Operations Command Centre (OCC), Operations and Rail Network Infrastructure training and support regional integration. FoR as part of its strategic initiatives supports amongst others Third-Party Access, Branch line Strategy, Africa strategy, Automotive expansion and production hubs. As part of training enhancement process, FoR has various practical training equipment for technical rail infrastructure training and several Simulators for Train Drivers, Train Control Officers and rubber-wheel (motor cars) to improve skills. FoR has campuses that are situated nationwide as per our geographical presence. On average FoR rolls out approximately 23000 training interventions per year.

FoR Footprint

- Esselen Park (Kempton Park)
- Koedoespoort (Pretoria)
- Park-Hill (Germiston)
- Ermelo
- Richards Bay
- Wentworth
- Bloemfontein
- Kimberly
- Saldanha
- Bellville

Training Programmes Offered

Operations Command Centre

- Planning and Execution Process PEP
- E-Next Week Business
- Service Management
- Single View Monitoring Tool (SVMT)
- Train Controlled System - CS 90
- Crew Management System (CMS)O2E
- Rail Safety Training

TFR Operations

- Train Drivers
- Train Assistance
- Yard Officials
- Shed Assistance
- Shedman
- Train Control Officers
- Rubber Wheels
- Terminal Training e.g. Navis, Cargo coordinator and Rich Stackers
- Rail Occurrence Investigation Programme (ROIP)
- Rail Operations Management Programme (ROMP)

TFR Rail Network

- Trackman
- Track Master
- Track Welder
- Rail Track Construction and Maintenance
- Railway Signaling (Train Authorization Systems & Condition Assessment Systems)
- Overhead Traction Equipment and Sub-Station
- Telecommunications (Radio, Transmission & IT Networks)



CUSTOMER SERVICE



INTEGRITY



RESPECT & CARE



RESPONSIBILITY



SAFETY

OUR CLIENTS

Over the years the faculty has delivered services and interacted with several companies locally and across the borders of South Africa

- Azutron Training Centre
- PRASA (Passenger Rail Agency of South Africa)
- Mechnet Maintenance
- Eagle Lifting Equipment (PTY) Limited
- Mechnet Maintenance
- DS Msweli
- Distinctive Choice 1272 cc t/a Turnmet
- Isotec Training Academy
- Omnia Fertilizer a Division of Omnia Group Ltd
- Resolution Circle (Pty) Ltd
- Hammer Lock CC
- Siya Ngqoyiya
- Swift Skills Academy (Pty) Ltd
- Eskom Holdings SOC Ltd
- Tsiu Lefu Benedict
- University of Pretoria
- Myganet (Pty) Ltd
- MSC Artisan Academy (Pty) Ltd
- Melron Group
- Linsen Nambi Bunker Services
- Windspeed
- MI Mech Logistics & Projects
- Eagle Lifting Equipment (PTY) Limited
- Distinctive Choice 1272 cc t/a Turnmet
- Impala Platinum
- Bombadier
- Surtees



- Eswatini Railways / Swaziland Railways
- Transnamib Holding Ltd
- Rio Tinto
- Botswana Railways
- CFM (Portos e Caminhos de Ferro de Moçambique)
- Tanzania
- Mauritania
- Ghana
- Kenya
- Zali Mining
- Madarail
- Liberia

- Transnet ODs (Operating Divisions)
- Department of Labour (UIF)
- Department of Higher Education (NSF)

So far Training has been delivered for Swaziland, Mozambique and Botswana

FACULTY OF ENGINEERING AND PIPELINES

PRODUCT OFFERINGS

1. Technical Skills: Apprenticeship

- Electromechanician
- Electrician
- Wagon Fitter
- Welder
- Electrical Fitter
- Diesel Electrical Fitter
- Toolmaker
- Plater
- Turner Machinist
- Blacksmith
- Armature Winder
- Sheet Metal Worker
- Boiler Maker
- Fitter
- Fitter & Turner
- Diesel Mechanic
- Vehicle Builder

2. Occupational skills programs

- Examiner & Repairer
- Maintenance assistants
- Brake Courses in Locomotives and Wagons

3. Youth Programmes

- Engineers-in-training (EIT's)
- Technicians-in-training (TIT's)
- Young Professionals
- Experiential Learning for TVET College students
- Learnerships

4. Operational Skills

- Lifting Equipment Operator
- High Voltage Regulations
- Integrated on board operating systems
- E-Learning





ENGINEERING AND PIPELINES

PRODUCT OFFERINGS

1. Technical Training

- Bonding
- High Voltage Switching "E Yellow"
- Environmental Awareness
- SAP Plant Maintenance
- High Voltage Switching "A Brown"
- Insulating Flange Piping Systems
- Basic Servitude and Wrapping
- Cathodic Protection for Electricians
- Cathodic Protection for CP Field Technicians
- Valve and Gearbox Maintenance
- Rectifier Maintenance
- Minor Maintenance
- Mainline Pump and Motor Maintenance
- Stoppling
- Emergency Repairs
- Mainline Pump Refurbishment
- Distribution Transformer Maintenance

2. Operational Training

- Pipeline Industry & Equipment*
- Product Quality Control*
- Volume Control (Metering) (Tank Gauging)*
- Launching and Receiving Pigs/Spheres*
- Planning, Handling & Monitoring Trans mixture /Intermixtures*
- Operations (Prepare for Start-up) (Start-up) (Shutdown)*
- PCS7 SCADA Training
- Hydraulic Simulator Training
- Coordinating Officer Programme
- Permit course

3. Soft Skills Training

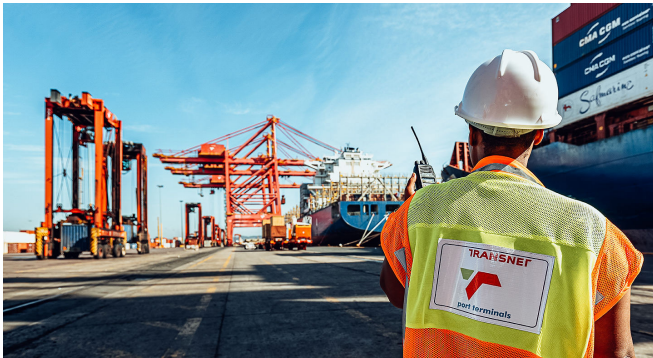
- Customer Centricity Training
- White and Yellow Belt Lean Six Sigma
- Transnet Regional Induction
- SAP Maintenance

FACULTY OF PORT TERMINALS AND MARINE

BACKGROUND

To be the leader of Maritime Learning and Development in Africa by 2025.

An amalgamation of Transnet Schools (Ports and Terminal Operations) resulted in the establishment of a World Class Maritime School of Excellence (MSoE) in 2013. MSoE migrated to Transnet Academy as a Faculty of Port Terminal and Marine in 2021



Main Campus is located in Bayhead, KZN. We have Three satellite campuses:



TRAINING OFFERINGS AND CUSTOMERS

Terminal Operations

- Ship-to-Shore Crane
- Container Straddle Carrier
- Rubber Tyre Gantry Crane
- Cargo Coordinator
- Rail Mounted Gantry Crane
- Container High Reach Stacker
- Counter-balance Lift Truck
- Mobile Elevating Work Platform
- Operational Planner Training
- Operator Bulk Handling Equipment

Dredging Program

- Pipe Operator
- Dredging Training Programme
- Dredge Master

Marine Training

- Tug Master
- Skipper Port Operations
- Able Seafarer (Deck OR Engine)
- Marine Pilot Training
- Vessel Traffic Services (VTS)
- Marine Resource Management
- Master Port Operations
- General Purpose Rating
- Short Range Certificate

Port Management & Business Processes

- Port Worker Development Programme
- Lean Six Sigma
- Truck Driver Safety Induction

Port Infrastructure & Maintenance

- Asset Maintenance Principles & Procedures
- Global Marine Best Practices
- Artisans Training

Simulation Support

- Rubber Tyred Gantry Crane
- Ship-to-Shore Crane
- Container Straddle Carrier
- Ship Handling
- Trailing Suction Hopper Dredger

TARGET AUDIENCE

Terminal Operations

-Port Terminals workforce

Port Infrastructure and Maintenance

-Technicians in training

-Engineers in training

-Artisans

Marine Programme

-Dredging, Marine and Seafarers

professionals

-Vessel Traffic Services

-University graduates

FACULTY OF LEADERSHIP AND FUNCTIONAL DEVELOPMENT

The Faculty of Leadership and Functional Development provides thought leadership on Talent Management processes on behalf of Transnet. The Faculty is also responsible for delivering functional, leadership development & soft skills training within the organisation. With a national footprint in the country providing training programmes on various campuses as well as on-line. Providing full time bursary opportunities as well as various Youth programmes to uplift the skill level of South African Youth. The training provided is delivered by trainers, moderators and assessors in partnership with various subject matter experts, training institutions including TVET colleges, Universities and Business Schools.

- Young Leaders Programme
- Transition Programme
- Next Generation
- Leaders Coaching Leaders
- Women in Leadership
- Supervisory Development Programme
- Executive Coaching

Generic Leadership Programme

- Mentor, Mentee and Coaching
- Business Communication and Presentation
- Business Writing Skills
- Seven Habits of Highly Effective People
- Four Discipline of Execution

- Speed of Trust
- Business Performance
- Problem Solving and Decision Making
- Relationship Management
- Crucial Conversations
- Stakeholder Management
- Emotional Intelligence
- Facilitator, Assessor and Moderator Skills
- Logistic Services
- Executive Presence and Media Training

- GIBS/TETA IEDP
- Cyber Security Awareness
- Property Management
- Security Programmes
- Logistics Training
- Computer Training
- PFMA
- Supply Chain Management
- Capital Management
- Sales and Business Development
- Project Management
- Employee Relations
- CA2025

FACULTY OF LEADERSHIP AND FUNCTIONAL DEVELOPMENT

Safety Programmes

First Aid

- First Aid Level 1
- First Aid Level 2
- First Aid Level 3

Fire Related

- Fire Fighting Basic
- Fire Risk Assessment
- Fire Marshalls/Teams
- Fire Co-Ordinator

Safety and Health

- Safety Management Training
- SHE Induction
- SHE Liabilities Manager
- SHE Rep
- Introduction to Transnet Safety Management Programme
- Advanced Transnet Safety Management

Dangerous Conditions

- Working on Heights (PPE, Fall Arrest and Rescue)
- Hazardous Identification and Risk Assessment (HIRA)
- Incident investigation
- Disaster Management
- Handling of dangerous goods/Hazardous chemical substance
- OHS legislation
- ISO 45001:2018
- ISO 14001:2015
- ISO 9001:2015
- Working in confined spaces

Other Programmes

- SAP Training
- Delegation Authority
- State Protocol Training
- Domestic Prominent Officials
- Transnet 101
- Customer Service Training
- Lean Six Sigma
- Problem Solving for Planners
- Team Proposal Writing
- Negotiation Skills
- Diversity Management
- Team Work and Team Building
- Presentations Skills
- Creative Problem Solving
- Supervising Others
- Legal and Compliance
- Finance Training



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