



EFFECTIVE HUMAN INTERVENTION (PTY) LTD
LEADERS IN TRAINING

TRAINING COURSE CATEGORIES

At Effective Human Intervention we believe in making an impact with every training intervention. We work with you to address your challenges, improving workplace employability & sustainable competitive advantage. Our diverse course selection is always in line with current legislation, is top quality, industrially relevant, short, practical and covers a wide range which includes Engineers, Maintenance Managers, Safety Practitioners, Artisans, Millwrights, Electricians, Contractors, Planners, Technical Superintendents, OHS Managers and Supervisors to name a few, across all industries.



A Way to Learn

VIRTUAL TRAINING



NEW PERSPECTIVE

Nowadays we are looking for alternatives to all aspects of our lives. So it is logical to look for alternative training methods. The goal of training is to change our perspective, broaden our minds.



IMPROVES SOCIAL STRATEGY

Trainers communicate with delegates in real time. The distance between locations even if in different provinces or countries, is not felt or seen. The virtual classroom is more specific and individualized. A perfect network where like minded people can meet each other.



FUTURE POTENTIAL

The opportunities are endless for virtual training. Highest quality, organised lectures, engaging topics and inviting specialist facilitators from other countries brings a totally new experience.



THE VIRTUAL CLASSROOM IS FOR YOU!

Virtual training gives us more ways to learn and to explore our abilities. We use our eyes, ears and we use touch, smell and taste to perceive information. In the virtual classroom there are colours, videos, real life examples. You can participate from anywhere, office, beach, boardroom or couch.



VIRTUAL TRAINING BENEFITS

Flexibility is a most obvious benefit, training is scheduled straight to your calendar. Strict scheduling keeps you on point, serious and motivated. There is no need to move from one place to another, unnecessary travel is eliminated. Virtual training comes at a lower cost, eliminating travelling costs and venue hire but still offers high quality.

WEBINARS

Virtual training is closely aligned with the way people are working and learning today. For all the challenges that physical, event-based training can pose for learners and training decision-makers alike, live virtual training offers a compelling, cost-effective, and results-oriented solution to those challenges. It is the critical interface that elevates training from being merely informational to being truly transformational.

Course Title:

- High Voltage Switching (Theory)
 - Practical separately bookable (onsite)
- Finance for non-Financial Managers
- Google Suite
- HIRA incl. Covid-19
- Hydraulic Fundamentals
- Incident Investigation
- Legal Liability incl. Covid-19
- Maintenance Planning & Scheduling
- Microsoft Office
- Microsoft Project
- Microsoft Teams
- PER/SANS347
- Project Management
- Root Cause Analysis
- SANS 10142-1 Edition 3
- SANS 10142-2
- Technical Report Writing
- The Art of Working Together



COMPLIANCE TRAINING

Compliance training refers to the process of educating employees on laws and regulations that apply to their day-to-day job responsibilities. It guides and informs employees on the laws and regulations pertaining to their industry or specific job function, ensuring a safe working environment.

ELECTRICAL ENGINEERING

Our Electrical Engineering training courses are designed to allow individuals in the related fields, an opportunity to update their skills and improve their basic knowledge of modern industrial applications, specifications, and regulations.

Course Title:

- AC Variable Speed Drive Essentials
- Advanced Electrical Systems & Arc Flash
- Area Classification Hazardous Locations, OHSACT, SANS Codes incl. updates & Inspections for Engineers, Technicians & Management Representatives – Specific for Chemical & Sugar Industries
- Arc Flash Awareness
- Best Practice for Management of Transformer Operation & Maintenance
- Cable Selection, Installation & Fault Finding
- Calculation of Electrical System Fault Levels
- Distribution Assemblies
- Electrical & Mechanical Isolation Practice
- Electrical Engineering for Technicians
- Electrical Fault Analysis
- Electrical Safety Awareness for Artisans working on High Voltage Mining Machinery
- Fundamentals & Implementation of Power System Protection
- Fundamentals of Power System Calculations
- Hazardous Area Concepts
- High/Medium Voltage Switching
- Maintenance of Electrical Networks: Substations – NRS 089
- Management of Maintenance of MV Switchgear up to 22kv
- MV 11-33kV Cable Accessories
- MV Switchgear Maintenance
- Operate & Reset LV Switchgear in Motor Control Centres
- Power Quality & Smart Grids
- Power Systems Quality Monitoring & Harmonics
- Practical Electrical Certificate of Compliance Audit Procedure for General Industry (In-House only)
- Practical Protection Relay
- Reading & Understanding Electrical Drawings
- Relay Protection
- Safety, Earthing, Bonding & Lightning
- SANS 10142-1 & SANS 10142-2
- Substation Authorised Persons
- Substation Entry
- Substation Maintenance
- Substations Responsible Persons

MAINTENANCE MANAGEMENT

The Maintenance Management courses cover relevant topics on maintenance methodologies. By applying these topics in your own working environment, you and your team can realize the highest possible output with your assets.

Course Title:

- Air-Conditioning & Refrigeration
- Automotive Air-Conditioning
- Bearing Maintenance
- Critical Thinking to Support RCA
- Compressor Maintenance
- Emergency Conveyor Belt Splicing
- Enterprise Asset Management
- Fixed and Portable Generators
- Machinery Failure Analysis & Prevention
- Maintenance Best Practices
- Maintenance Planning & Scheduling
- Maintenance Risk & Reliability Management
- Maintenance Role Training & Coaching
- Operational Equipment Effectiveness (OEE)
- Planned Task Observation for Managers
- Preventative & Predictive Maintenance
- Pump Operations & Maintenance
- Reliability Centered Maintenance
- Root Cause Analysis
- Root Cause Analysis & Incident Investigation
- Root Cause Failure Analysis
- Total Productive Maintenance
- Zero Breakdown Maintenance Strategies

MECHANICAL ENGINEERING

Our Mechanical Engineering training courses are delivered by engineering consultants with real-world experience. This will enable you to develop skills as an effective practitioner, as well as providing you with the opportunity to enhance specific capabilities.

Course Title:

- Boiler Operation & Maintenance
- Centrifugal Pump Maintenance
- Condition Based Monitoring
- Flow Control for Instrumentation Practitioners
- Hydraulics - Fundamental & Pneumatic
- General Machine Regulations
- Gearbox Design, Operation, Maintenance & Troubleshooting
- Heat Ventilation & Air-Conditioning Equipment (HVAC)
- Mechanical Seals, Application, Operation & Maintenance
- Mechanical Systems & Fault Finding
- Pressure Equipment Regulations (PER) & SANS347
- SANS329

WORKPLACE SAFETY

Our Health and Safety courses have been developed by experts, covering the key important areas of regulatory, technical, compliance and legal aspects, as well safety leadership, human factors and behavioural considerations.

Course Title:

- Accident/Incident Investigation
- Coaching for HSSE (Health Safety, Security Environments)
- Confined Spaces
- Continuous Process & Safety Improvement
- First Aid Dangerous Goods Transportation
- Handling of Diesel Fuel
- Hazard Identification & Risk Assessment (HIRA) for Supervisors
- Legal Liability incl. Covid-19
- Lockout Procedures
- Maintenance of Hazardous Chemical Substances
- Occupational Health & Safety Act incl. 34 Amendments to Construction Regulations
- OSHA Overview
- Practical Application of Management Appointments
- Practical Explosion Technology – Flameproof Techniques
- Practical Hazardous Area Control
- Rigging & Slings
- Safe Handling of Refrigerants
- Safe Work Procedures & Standard Operating Procedures Documentation (SWP's & SOP's)
- SHEREP
- Site Safety Awareness
- Working @ Heights

TETA ACCREDITATION No: TETA20-1192

TETA Accredited Courses:

- Apply Fire-Fighting Techniques (US 252250)
- First Aid Level 1 (US 119567)
- First Aid Level 2 (US 120496)
- First Aid Level 3 (US 376480)
- Maintaining Occupational Health, Safety & General Housekeeping (US 8016)
- Perform Basic Fire Fighting (US 12484)
- Rigging & Slings (US 253638)

PRODUCTION & LEAN MANUFACTURING

Course Title:

- 20 Keys to Workplace Improvement
- 5 Day Lean (World Class Manufacturing)
- 5S & Role of Kaizen
- 5Why & 8D Problem Solving
- FMEA (Failure Mode & Effects Analysis)
- ISO9001 | 14001 | 18001 | 45001 | 50001
- Lean Manufacturing & Value Stream Mapping
- Lean Six Sigma Black Belt
- Lean Six Sigma Green Belt
- Lean Six Sigma Yellow Belt
- Problem Analysis & Solving Methods
- SMED
- Total Productive Maintenance
- Total Quality Management
- Value Stream Mapping

AUTOMATION & INSTRUMENTATION

Trainees are offered the opportunity to learn how products are integrated into an Industrial Automation environment and then assess the trainees by covering theory, practical and troubleshooting skills.

Course Title:

- Flow Control for Instrumentation Practitioners
- Introduction to Variable Speed Drives
- Master Drives Vector Control Maintenance Course
- Sinamics Drives Maintenance Course
- Profibus Systems Course
- SIMOCODE DP Course
- SIMOCODE PRO Course
- Siemens Step 7 with PLC S7 300 and S7 400 (Classic Siemens Courses)
 - Introduction to PLC
 - RCL-PLC-ONE
 - RCL-PLC-TWO
- Siemens TIA Portal with PLC S7 1200 and S7 1500
 - Introduction to PLC
 - TIA PORTAL - S7 1200 PLC Service & Maintenance Basic Course
 - TIA PORTAL - TIA PORTAL with S7-1500 Service & Maintenance Module 1

TRAINING COURSE CATEGORIES

MANAGEMENT & LEADERSHIP

Enhance your effectiveness and reach your full management and leadership potential by attending these Management training courses and Leadership Training courses. Delivered by leading experts in their fields, management courses and leadership courses feature the latest practices and techniques to help you, your team and your organisation excel in today's challenging business environment.

Course Title:

- Advanced Coaching
- Assertiveness Skills for Managers in Technical Environments
- Coaching & Mentoring
- Coaching for Managers
- Emotional Intelligence
- First Line Management for Technical Managers & Supervisors
- Maintenance Role Training & Coaching
- Management & Leadership Masterclass
- Management Skills for Engineers & Technical Professionals
- Management Skills for Maintenance Supervisors
- Six Thinking Hats
- Strategic Business Analysis (RCA)
- Strategic Management
- Supervisory Development Programme
- Transitioning for Technical Professional to Manager & Leader
- The Art of Working Together
- Team Alignment Masterclass

MERSETA ACCREDITATION NO: 17-QA/ACC/0603/11 QUALIFICATION (MERSETA)

SAQA ID 58779 Production Technology NQF Level 4

Purpose: The combination of learning outcomes that comprise this qualification will provide the qualifying learner with vocational knowledge and skills appropriate to the context of production technology. This qualification provides learners with the range of learning and skills required to be able to perform a series of activities to support manufacturing, engineering and technology processes. Learners will acquire a range of skills in the identification of production parameters in manufacturing, engineering and technology industries and basic strategies to achieve them.

The qualifying learner will be able to:

- Measure, control and improve factors influencing productivity.
- Contribute to budgeting processes in an operational unit to optimise resources.
- Solve operational problems in a production process.
- Promote, implement and maintain procedures that support quality assurance and control.

SUPPORT TRAINING

EHI's portfolio of support training courses are delivered by highly-experienced facilitators with real-world experience. Our fast-paced and interactive training courses have been designed to give participants the skills and techniques they require to reach higher levels immediately.

Course Title:

- Anger Management
- Assertiveness & Interpersonal Skills
- Business Communication
- Business Writing Skills
- Change Management
- Coaching & Mentoring
- Conflict Resolution
- Dealing with Difficult People
- Diversity Management
- Emotional Intelligence
- Finance for Non-Financial Managers
- Innovation & Creativity
- Leadership without Limits
- Leading with Racial Intelligence
- Leading with Resilience & Impact
- Living the Seven Habits
- Management Skills for New Managers
- Personal Mastery
- Planning Organising & Time Management
- Practical Strategies for Successful Women Leaders
- Problem Solving & Decision Making
- Report Writing
- Scientific Report Writing
- Strategic Thinking
- Stress Management
- Supervisory Skills
- Team Leadership
- Technical Report Writing
- The Art of Working Together
- Time Management

COMPUTER TRAINING

Our highly interactive training courses are led by industry experts to provide the best mix of experience, theory and practice in a professional learning environment, using real case studies, practical applications, and software.

Course Title:

- Basic Computer Literacy
- Microsoft Word – Level 1, 2 & 3
- Microsoft Excel – Level 1, 2, & 3
- Microsoft PowerPoint – Levels 1 & 2
- Microsoft Project – Level 1, 2 & 3
- Power Pivots
- Integrated MS Projects & Excel
- G Suite