TECHNICAL EDUCATION ACADEMY

Elsayed Absi

Instructor

A highly experienced Mechanical Maintenance Leader, Reliability Specialist, and Technical Trainer with more than 35 years of international experience in the oil and gas industry, working across Nigeria, Egypt, Yemen, and Syria with major Oil and Gas Companies like ExxonMobil, Total, Shell, Spie. Throughout his career, he has held senior technical and leadership roles in maintenance management, reliability improvement, preventive maintenance optimization, shutdown planning, rotating equipment, and field operations support.

He brings deep practical knowledge of mechanical systems, maintenance strategies, spare parts management, SAP/CMMS, root cause failure analysis, inspection planning, and equipment integrity. His professional background combines both hands-on field expertise and strategic maintenance leadership, making his teaching highly practical, industry-focused, and relevant to real working environments.

Alongside his engineering and maintenance career, he has extensive experience as a classroom trainer and on-the-job instructor, where he developed training materials, prepared assessments, coached technicians and engineers, and supported workforce competence development. He is passionate about sharing knowledge with students and helping them build a strong technical foundation, understand real industrial practices, and develop the confidence needed for successful careers in mechanical maintenance and engineering.

His teaching approach focuses on linking theory with practical application, with special attention to safe working practices, troubleshooting, preventive maintenance, rotating equipment, hydraulic and pneumatic systems, and maintenance planning.

Areas of Expertise:

Mechanical maintenance and reliability
Preventive and corrective maintenance
Rotating equipment and troubleshooting
Shutdowns, overhauls, commissioning, and start-up
Spare parts management and maintenance planning
SAP/CMMS systems
Root cause failure analysis
Technical training and workforce development
HSE and safe maintenance practices