TECHNICAL EDUCATION ACADEMY

Mohamed Salama

Instructor

A Senior Electrical and Control Systems Engineer with 18 years of experience in electrical engineering, control systems, automation, and maintenance, as well as more than 10 years of experience as an instructor in electrical and control disciplines. Holds a Master’s degree in Automatic Control and a PhD in Electrical Control Engineering, with a strong background in automation, technical services, consulting, and professional training.

Possesses extensive hands-on experience with a wide range of control and automation platforms, including PLC systems from Allen-Bradley, Siemens, Schneider Electric, GE Fanuc, and Mark VIe, as well as SCADA and HMI systems, Yokogawa ESD systems, and subsea control systems from GE. Has worked across diverse industrial environments, delivering technical support, system integration, troubleshooting, and training in both electrical and control applications.

Brings solid expertise in the maintenance and operation of electrical, instrumentation, and control equipment, including gas turbines, gas compressors, transformers, generators, switchgear, protection systems, motors, and associated instrumentation and control devices. Also has experience with Siemens power generation turbines, GE gas compressors, and GE and Cameron subsea systems.

Holds ATEX certification for work in hazardous areas and has been recognized for strong commitment to safety, including receipt of Shell’s Goal Zero Hero certificate. Combines advanced technical knowledge, field experience, and instructional capability to deliver effective training and practical engineering solutions in electrical and control systems.