

PRESS RELEASE

CPD-accredited industrial automation courses on offer from EM

26 June 2019: Panel builders, Original Equipment Manufacturers (OEMs), and end users have access to industrial automation training offered by ElectroMechanica (EM) at its Ormonde, Cape Town, and Durban branches. A major benefit is that the training is accredited in terms of Continuous Professional Development (CPD), with each course level carrying one CPD point.

“Successful industrial facilities rely on personnel with the necessary technical understanding and capability to maintain smooth system operation,” EM Product Manager **William Cameron** comments.

“At EM, we believe training and development is a critical success driver in any organisation. Training plays a key role in motivating employees to achieve higher standards, improve customer service, and develop group and team skills needed to achieve organisational goals.”

In terms of industrial automation, EM offers CPD-accredited short courses recommended for any individual or group requiring more in-depth knowledge on the basic components, implementation, and management of various automation products.

The training focuses on the Delta industrial automation product range, distributed exclusively by EM. Delta is one EM’s fastest-growing product ranges, as industry strives to contain costs and increase productivity. Key system automation products in the Delta range are programmable logic controllers (PLCs), AC motor drives (variable-frequency drives or VFDs), and servo and motion controllers.

Delta has a PLC suitable for every application, from a simple logic sequence or bottle filling to high-speed processing and factory automation. Delta VFDs can be used to operate many types of loads such as pumps, fans, compressors, elevators and machine tools, to name but a few. Delta VFDs also have an easy-to-implement closed-loop operation for constant pressure, temperature, and level control applications.

PLC Level 1 is a one-day introductory terminology course aimed at contractors, system integrators, OEMs, and end users. It covers basic wiring, fault-finding techniques, and basic instructions. PLC Level 2 includes more in-depth instructions, from arithmetic to analogue scaling and high-speed functions. This one-day course is aimed specifically at system integrators and OEMs.

Servo Level 1 and 2 is a two-day course introducing system integrators and OEMs to the ASDA2 servo drive, motor, and accessories. The first day covers all control modes for internal and external controllers, while the second day focuses on on-depth examples of the internal motion configuration, synchronized conveyor, ECAM, mark detection and compare, among others.

VFD Level 1 introduces contractors and system integrators to VFD and motor basics, simple wiring, and parameter examples for everyday applications. VFD Level 2 is a one-day course for system integrators, OEMs, and end users to get to grips with closed-loop operations and various types of advanced control modes.

EM recently collaborated with Polytech Africa to establish the first Mechatronics Academy to be accredited by the Manufacturing, Engineering and Related Services Sector Education and Training Authority (merSETA). Mechatronics is a combination of mechanics and electronics, which makes the Delta industrial automation range an ideal focus for the training.

Ends

Notes to the Editor

To download hi-res images for this release, please visit <http://media.ngage.co.za> and click the ElectroMechanica link to view the company's press office.

About ElectroMechanica

ElectroMechanica was established in 1984 by David van den Berg as a specialised direct importer and wholesale distributor of high-end industrial electrical products, motor control switchgear and electronic automation products. A wholly-owned South African company, ElectroMechanica offers its clients state-of-the-art products, sourced from leading local and international brands, all complying with recognised international safety standards and performance specifications.

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