

# Industrial Technology



## Keeping Industry in Motion

Manufacturing and production is becoming increasingly automated as industry replaces manual tasks with computer driven robotic systems. As the manual labour workforce declines, the demand for qualified industrial technicians is on the rise. To meet the demand, industry is turning to just-in-time flexible industrial technology training programmes.

The E & L-Nida Industrial Technology programme is designed to teach the knowledge and skills necessary to work in industry. It offers a solid hands-on foundation in basic electrical and electronics principles followed by advanced subjects that prepare the technician for industry related electrical and electronics troubleshooting and repair job tasks.



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The E & L-Nida Industrial Technology programme is designed in a modular format to allow flexibility and correlation to your industrial maintenance training needs. The programme offers a solid foundation in basic electrical and electronic circuits through courses in DC, AC, Analogue, Digital, and Microprocessors. Following the basics, students can branch into a variety of advanced subjects developed in cooperation with industry and industrial academic specialists. All Industrial Technology programme courses are presented through computer based delivery offering theoretical concepts supported by hands-on experiments, projects, and circuit troubleshooting.

## Supporting Courseware

- Mathematics
- DC Circuits
- AC Circuits
- Analogue Circuits
- Digital Circuits
- Basic Circuit Applications
- Microprocessors
- Cables & Connectors
- Fibre Optics
- Signal Processing
- Transducers
- Motors
- Residential Wiring
- Computer Systems
- Programmable Logic Controllers

## Supporting Hardware



Model 130E  
Test Console



Model 5050  
PLC Trainer



Model 500EMT  
Microprocesor Trainer



Model 4050  
Test Instrument Module

## Contact

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