

The Nidec logo is displayed in a white, italicized font on a green, trapezoidal background.

Drives

The background of the entire page is a photograph of an industrial drive cabinet. The cabinet is open, revealing several vertical drive units. Each unit has a control panel with a small display and buttons. The units are connected to a complex network of cables, including red and yellow ones. A prominent yellow warning sign with a lightning bolt symbol is visible on the right side of the cabinet. The entire scene is framed by a bright green neon light that forms a large, stylized 'N' shape.

South Africa Service Training



# LEARN FROM OUR DRIVE OBSESSIVES

Would you benefit from knowing our products better? The Nidec Academy offers in-depth, expert-led training on the entire product range, including drives, servo and software.

## Requirements:

Please note that candidates must be fully competent in basic training topics before attending an advanced training course.

All courses will require a minimum of 5 people. For dates where the minimum number of people are not met, training will be rescheduled and combined with more attendees from another group, in order to meet the minimum required attendee number.

Accommodation and travel are excluded. Light snacks, water, tea and coffee will be provided.

# Training Contents

## **NE Training: NE 200/NE 300 1 Day Course**

- Basic Drive philosophy
- Basic IO Configuration
- Basic PID Configuration

## **Basic Training: 2 Days Course (PC Optional) Covering C200 / C300 / M400**

- Drive Theory
- Connections
- Menu 0
- Analogue Signal
- Keypad control
- Open Loop Configuration
- Preset speeds
- Reference selection
- IO Addressing

## **Programming Course: (On Request ONLY and need to complete the Advanced Training) 1 Day PC Mandatory**

- Machine Control Studio overview
- PLC Functionality
- AMC Training

## **Advanced Training Course 3 Days Course – PC Mandatory Covering M600 / M700 / M701 (Basic training Prerequisite )**

- Thresholds
- PID
- Closed loop Configuration
- Feedback signals
- Standard Motion Control
- Logic Functions
- Advanced menus
- All speed derivatives
- Analogue references
- Analogue addressing

## **Mentor MP (On request only) 3 Day Advanced**

NE, Basic and Advanced  
training will be at  
**NO COST.**

Programming will be  
**R2 415.00**

# Training Schedule 2026:

## February: 16<sup>th</sup> to 20<sup>th</sup> 2026

- NE Training: 16<sup>th</sup>
- Basic Training - 2 Day: 17<sup>th</sup> and 18<sup>th</sup>
- Advance Training - 3 Day: 17<sup>th</sup> to 19<sup>th</sup>
- Programming: 20<sup>th</sup>

## May: 18<sup>th</sup> to 22<sup>nd</sup> 2026

- NE Training: 18<sup>th</sup>
- Basic Training - 2 Day: 19<sup>th</sup> and 20<sup>th</sup>
- Advance Training - 3 Day: 19<sup>th</sup> to 21<sup>st</sup>
- Programming: 22<sup>nd</sup>

## August: 17<sup>th</sup> to 21<sup>st</sup> 2026

- NE Training: 17<sup>th</sup>
- Basic Training - 2 Day: 18<sup>th</sup> and 19<sup>th</sup>
- Advance Training - 3 Day: 18<sup>th</sup> to 20<sup>th</sup>
- Programming: 21<sup>st</sup>

## November: 16<sup>th</sup> to 20<sup>th</sup> 2026

- NE Training: 16<sup>th</sup>
- Basic Training - 2 Day: 17<sup>th</sup> and 18<sup>th</sup>
- Advanced Training - 3 Day: 17<sup>th</sup> to 19<sup>th</sup>
- Programming: 20<sup>th</sup>



The Nidec logo is displayed in white, italicized font on a green rectangular background. The background of the entire page is a blurred image of a person with curly hair wearing a dark blue t-shirt with the 'CONTROL TECHNIQUES' logo on the back. The t-shirt logo features a green mountain icon above the text 'CONTROL' and 'TECHNIQUES' in a bold, sans-serif font.

## Drives

### How to register?

Request a formal quotation from your sales representative. Quotation must be completed, signed & emailed back to sender. Alternatively, email [info.za@mail.nidec.com](mailto:info.za@mail.nidec.com) or call + 27 (0)11 462 1740.

Find out more

For training schedules and to register your interest contact,

[info.za@mail.nidec.com](mailto:info.za@mail.nidec.com)

**CONTROL**  
**TECHNIQUES**

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Nidec Industrial Automation Southern Africa (Pty) Ltd.

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