



Training by Schneider Electric

Making you more competitive

Training Schedule 2020

At Schneider Electric we know that developing your skills and the skills of your employees can help to keep your business competitive. Investing in skills and training can increase productivity and innovation, help you attract and retain high quality employees and improve customer satisfaction.

More training dates will be added throughout the year to accommodate demand, therefore if a training date is not suitable for you, register your interest and we will advise when new course dates are added.

Other training is available on request. Customised training for your staff is also available both on your site or at one of our offices. Please contact your local representative for more information.

se.com/nz/training

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Course Descriptions

Introduction to Control Expert

Duration 3 days / Course cost \$1200pp

Control Expert (Formerly Unity Pro) is the Application PLC Programming Software for Schneider Electric's Process type PAC's (Programmable Automation Controller) such as M340, M580, Quantum and Premium. This Training Course serves as an introduction to IEC 61131 Programming Languages (Ladder, Structured Text, Function Block Diagram and Sequential Function Chart). Hands on Programming through the use of practical examples, and a built in Simulator, reinforce understanding of this powerful software tool.

Industrial Ethernet I/P, Modbus TCP/IP, UDP Publish and Subscribe communications between PLC's, and to an ATV630 Variable Speed Drive using Device Type Management configuration, PID Function Block will be covered in this training course.

Upcoming training dates and locations: Christchurch 25th to 27th February; Auckland 16th to 18th June; Wellington 23rd to 24th September; Napier 17th to 19th November.

EcoStruxure Machine Expert - Basic; Vijeo Designer (Version 6.2)

Duration 3 days / Course cost \$1200pp

Ecostruxure Machine Expert – Basic (formerly known as SoMachine Basic), is the application software for Modicon M221 machine controllers (PLCs). This course introduces students to the programming environment, and covers the basics of programming in Ladder Logic. Please note, EcoStruxure Machine - Basic is not a cut down version of the full EcoStruxure Machine Expert IEC 61131 programming environment used with M241 and M251 controllers.

Vijeo Designer is the configuration software for the Harmony (formerly known as Magelis) range of touch screen HMIs. You will become familiar with the features offered by the HMI range and upon completion of this course you will be able to install Vijeo Designer software, develop an application and run it on a screen.

Upcoming training dates and locations:

Wellington 17th to 19th March; Christchurch 12th to 14th May; Auckland 14th to 16th July; Hamilton 6th to 8th October.

EcoStruxure Machine Expert Configuration

Duration 3 days / Course cost \$1200pp

EcoStruxure Machine Expert (formerly known as SoMachine), is the application environment for Schneider Electric's Modicon M241, M251 and M262 models of machine controllers (PLC's). An introduction to the programming environment, as well as the six IEC 61131 programming languages, Derived or User Created Function Blocks (DFB's), Derived Data Types or Data User Types (DUT's), On-Line Changes, Watch Windows and Simulation, and control of Altivar drives, will all be covered in this three day training course.

Upcoming training dates and locations: On request

Variable Speed Drives

Duration 1 day / Course cost \$300pp

This course provides an introduction to Altivar variable speed drives. The basic principles of AC motors and variable speed drives are discussed, with hands-on workshop exercises using Altivar Process and/or Altivar 71 drives. Drives related topics such as energy saving, EMC, harmonics, installation practices may be discussed. Software tools to assist configuration, monitoring, and optimisation of the drive system are demonstrated. Note: It is advised to bring your own laptop with the latest version of SoMove configuration software pre-loaded.

Upcoming training dates and locations: Available upon request.

*Terms and conditions apply and can be viewed on our website.
Register for an upcoming course:

se.com/nz/training

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