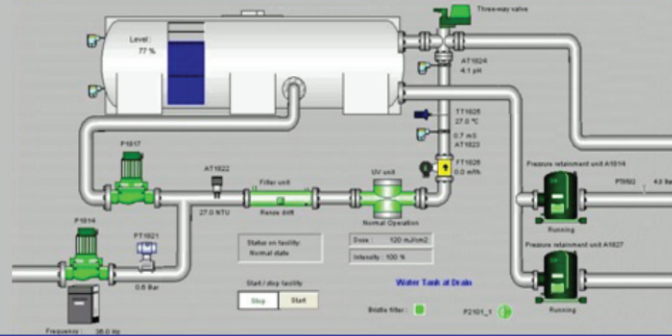# MRL Engineering Sdn Bhd
626831-T

MRL TRAINING WORKSHOP
SCADA System Workshop

Time: 9.00 am - 5.00 pm (2 Days)   **MRL Engineering Offis Melaka**

Overview

The SCADA System workshop covers the fundamentals and the latest application of SCADA system with practical up to date information.

The core focus is currently on integrating this process data into the actual business, and using it in real time. The training courses rely on a mixture of lecture by professionals, hands-on training and general concepts of the applications developed by MRL Engineering related to SCADA system such as WaterTech SCADA System, InfraTech SCADA Solutions.

This course offers the users the requisite knowledge to successfully develop, operate and maintain their SCADA systems.

Learning Outcomes

- ☑ Troubleshooting of SCADA system
- ☑ Hands-on experience of different SCADA systems
- ☑ Familiarisation with seemingly endless terminology and jargon
- ☑ Constructs for embedded systems
- ☑ Awareness of the implications of SCADA system
- ☑ Able to apply program maintenance and quality measurement
- ☑ Knowledge of embedded systems design and programming

Who Should Attend?

- ☑ All new system integrators
- ☑ Process engineers and Design Engineers
- ☑ Professionals and students involved in designing, operating and maintaining process instrumentation and control systems
- ☑ Operations Engineers
- ☑ Anyone already working in the field who wants to keep up with this rapidly changing industry

Administrative Detail

Time   : 9.00 a.m – 5.00 p.m (2 Days)
Venue : MRL Engineering
              Wisma PPK, Lot 2354, Jalan Sungai Putat,
              Batu Berendam, 75350 Melaka, Malaysia
Tel No : +606-3176828
Fax No : +606-3176854
Fees   : RM700/-

HRDF Claimable

REGISTER NOW!

Couse Outline

DAY 1

SCADA System Architecture
☑ Basics of SCADA system, components of SCADA system

GUI (Graphic User Interface)
☑ Familiarity with GUI, configuration, alarming and reporting philosophies

RTU (Remote Terminal Unit) and PLC
☑ Basics of RTU and PLC, block diagram and memory

Concepts of PLC Programming (Ladder Logic Program)
☑ Ladder logic instructions, memory organisation, input/output addressing,timers

SCADA System Communication
☑ Communication system components, essentials of telecommunication links

DAY 2

Application development
☑ HMI configuration, Design and layout, data management

Real time operations
☑ Real time monitoring, reporting, alarming

Familiarity and hands on to MRL Engineering SCADA Products
☑ Brief introduction and interaction with the SCADA system developed by MRL Engineering

Project Assignments

Detailed couse subcontent for above is available at http://mrlengineering.com.my/training

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Yes! Please register me/us for the MRL Training Workshop

SCADA System Workshop

Name :
_____

IC No. :
_____

Age :
_____

Email :
_____

Phone no :
_____

Fax :
_____

Currently Working/Student :
_____

Company/University Name :
_____

Starting Date :
_____

Purpose of taking course :
_____

Registration form

Trainers :	• Dr. Amin Kayani • Saiful Annuar • Syed Mudasar ul Hassan • Shoaib Saleem

Cancellation and Postponement

If any participant is unable to attend course due to some problem, is given the flexibility to change starting date without extra cost, One have to inform with the new starting date at least 3 days in advance.

75% refund will be made for cancellations received in writing at least 14 days before event.

A 50% of full fee will be refund if cancellation is made 7 days prior to the event.