MRL Engineering Sdn Bhd



MRL TRAINING WORKSHOP Microcontroller Programming Entry Level



Time: 9.00 am - 5.00 pm (2 Days)

MRL Engineering Offis Melaka

Overview

The course focuses on micro-controller basics, programming languages and tools, control software structures and programming techniques and applications.

After attending this course the participant will acquire good understanding and skills required for embedded system programming.

During the practical session, participants will have opportunities to familiarise themselves with the general knowledge on products and software's developed by MRL Engineering in embedded system.

Who Should Attend?

- SAnyone wanting to enter the field of programming
- ♥People with an electro technology background or experience in electrical basics and theories
- Programmers who want to learn the architecture and programming of embedded systems
- Students Who want to enhance their knowledge in embedded system programming

Learning Outcomes

- **SEMBLE SET OF STATE OF S**
- Open Debugging

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/-





Couse Outline

DAY 1

DAY 2

Micro-controllers versus Programmable logic

Embedded C

⊙ Introduction of micro-controller and PLC, differences, environment considerations reliability with respect to applications

Sasics of embedded system, project creation, program writing, editing and downloading program

Microcontroller selection considerations

Controlling and receiving inputs

▼ I/O ports, timers, memory, cost and type, interrupts, output drive current, bus speed, programming software **⊙** Concept of inputs, how to control according to our requirement

Programming Languages

Project Assignments

Samply, c programming and basic concepts of these languages

Sasic IDE (Integrated Development Environment)

Project creation, Programming tools, compilers,

debugging tools

Compiler and editor

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

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

Microcontroller Programming **Entry Level**

Registration form

IC No.:

• Dr. Amin Kayani

Age:

Name:

 Saiful Annuar Trainers:

Email:

Syed Mudasar ul Hassan

Shoaib Saleem

Phone no:

Cancellation and Postponement

Fax:

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.

Currently Working/Student:

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

Company/University Name:

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

Starting Date:

Purpose of taking course:

MRL Engineering Sdn Bhd 626831-T

www.mrlengineering.com.my

Tel:+606-3176828 Fax : +606-3176854 Email: info@mrlengineering.com.my

Creative Solutions, Addressing Your Needs Wisma PPK, Lot 2354, Jalan Sungai Putat,

Batu Berendam, 75450 Melaka, Malaysia.