

MICROCONTROLLER BASED SYSTEM



COURSE OVERVIEW

The course is ideal for those who want to understand and acquire knowledge in microcontroller programming and interfacing. The course is designed to provide knowledge and skills in programming 80C515 microcontroller using the assembly language to enable participants to observe the unique ability of the microcontroller.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Explain the hardware architecture of the 80C515 microcontroller
- Programme the controller for typical industrial Electronics application
- Identify factors affecting data transfer

THE UNIQUENESS OF THIS COURSE

- 60% of the course will be practical
- Use of didactic equipment which is designed to assist participants in understanding theories
- Actual behavior of all types of converters can be observed

WHO SHOULD ATTEND

This course is designed for those who want to understand and be familiar with concept involved in PIC microcontroller programming.

KEY TOPICS

- Fundamental structure of microcontroller
- Memory organization
- External bus interface
- Instruction set
- On-Chip Peripheral Components
- Applications of microcontrollers

METHODOLOGY

Lectures, discussions, exercise & practical, lab work .

COURSE DURATION

3 Days

PRE-REQUISITE

Digital System, microprocessor.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

Minimum participants: 6 persons

For further details, please contact:

Marketing Section, German-Malaysian Institute (247980-K),
Jalan Imiah, Taman Universiti, 43000 Kajang,
Selangor Darul Ehsan, Malaysia

Tel: 03-8921 9191/9046/9322
Fax: 03-8921 9003
Email: marketing@gmi.edu.my
GPS Coordinate: N 2.934898 E 101.795711



www.gmi.edu.my



GMINewsbreak



@gmiofficial92



GERMANMALAYSIANINSTITUTE