GERMAN-MALAYSIAN INSTITUTE
Training for Advanced Technology

COURSE TITLE : *Industrial Robotics Simulation And Programming*

COURSE OVERVIEW

This course is designed to provide participants with the knowledge of alternative method in programming robot. Offline robot programming is the upfront method in optimizing the production. Participants would also be exposed to the usage of KUKA Robot SIM simulation software in the stage of work cell modeling through to simulation of robot programming. The relation between online and offline programming also been introduced.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Model the robotics system and work cell
- Program and simulating robot offline
- Program the multi-move robot
- Program and simulating I/O signals

THE UNIQUENESS OF THIS COURSE

- Hands on training approach
- Certified Training Center of ABB Robot Studio
- Instructor from industrial background

WHO SHOULD ATTEND

This course is designed to those who are related to the area of robotics as well as in education line. Target Group : Engineers, Technicians, Lecturers and Technical Teachers.

KEY TOPICS

- Learning the Basics
- Modeling objects with KUKA Sim
- Programming motions
- Programming and simulating I/O signals
- Programming Multi-Moves
- Using external axes

METHODOLOGY

Lectures and Practical Exercises

COURSE DURATION

4 Days

PRE-REQUISITE

Fundamental of Industrial Robotics

CERTIFICATION

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

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