

FUNDAMENTALS OF INDUSTRIAL ROBOTICS



GMI
GERMAN-MALAYSIAN INSTITUTE
Training for Advanced Technology

COURSE OVERVIEW

This course is designed to provide participants with the fundamental knowledge of robotics to be used in the various industrial applications. Participants would also be exposed practically to the Industrial Robots and its programming software. The basic theory in designing industrial robot will also be introduced.

COURSE OBJECTIVES

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

- Recognize the basic robot system and its classification.
- Program Industrial Robot online.
- Explain the application of sensors in robotics.
- Understand fundamental theory of end effector design.

THE UNIQUENESS OF THIS COURSE

- Hands – on robot programming.
- Relevant training modules comprising industrial applications.
- Industrial-experienced trainers

WHO SHOULD ATTEND

The course is designed for those related to the area of robotics as well as in the education line.

Target Group: Engineers, Technicians, Lecturers and Technical Teachers.

KEY TOPICS

- Introduction to Robotics.
- The Basic Robot System
- End Effectors and Sensors in Robotics.
- Basic and Advanced Online Robot Programming
- Industrial Robot Calibration.

METHODOLOGY

Lectures and practical exercises

COURSE DURATION

3 Days

PRE-REQUISITE

None

CERTIFICATION

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

Minimum Participant: 6

For further details, please contact:

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