

Operations Basic Robot Operations Course (2 Days)**For: Operators, Shift Supervisors, and Shift Maintenance.**

Overview: Ensures increased confidence and safe operation for personnel. This course provides an overview of the Robot System and provides skills to recover and restart safely after emergency stops

Basic Robot Operations and Positional Modification Course (3 Days)**For: Operators, Shift Supervisors, and Shift Maintenance.**

Overview: Covers training as Basic course above PLUS provides skills to modify positional locations of programmes and to save system back-ups.

Programming Basic Introduction to AS Programming Course (3 Days)**For: Shift Supervisors, Shift Maintenance, and Novice Programmers.**

Overview: Introduction to programme structure and robot move interpolation. Creation of programmes with basic motion commands, speeds, accuracy and integration with peripherals.

BLOCK Programming Course (3 Days)**For: Shift Supervisors, Shift Maintenance and Novice Programmers**

Overview: Programme development using Teach Pendant functions. - Techniques for less complex positioning applications

Programming Advanced Level AS Language Robot Programming Course (5 Days)**For: Shift Supervisors, System Designers and Programmers**

Overview: from basic level through to advanced programming of subroutines, arrays, frames and shifts the course introduces the power of the AS language and interpolation of moves by the robot. Provides introduction to interface development for external peripherals.

Application Specific Robot Operation and Programming Course (3 Days)**For: Shift Supervisors, System Designers, and Programmers**

Overview: Bespoke training course based around customer's existing robot system. Examines existing programmes and integration with peripherals – provides for analysis of potential Improvements/modifications. Subject to site assessment prior to course development.

Maintenance Preventative Maintenance Course (1 Day)**For: Shift Maintenance, Technicians and System Integrators**

Overview: Illustrates straightforward maintenance routines that will prevent unplanned downtime and costs. Includes inspection routines, lube operations, encoder, and filter and fan replacements.

Electrical Maintenance Course (3 Days)**For: Shift Maintenance, Technicians and System Integrators**

Overview: An in-depth system electrical overview with motor, encoder, and board level replacement procedures. Troubleshooting and manual interpretation are supported by exercises.

Combination Courses

Courses can be combined and made specific to customer's own system and personnel requirements – Please contact Kawasaki Robotics and discuss. It is mandatory for Kawasaki Robotics UK Ltd policy to provide a Basic Operational Course prior to any other course being taken as this includes safety aspects of the system.