

- **Safety, Safety Type and Practical Uses**

- Emergency Stop Procedures
- Emergency Stop Reset Procedure
- Torch Mount Function and Controller Setting
- Manipulator Overtravel Function
- Manipulator Collision Sensitivity and Soft Limits
- Light Curtains and Safe Edge Operation

- **Robot Controller Set Up**

- Setting Teach Setting Prior To and During Programming
- Advanced Settings Screen and Modification
- Weld Data Table Settings
- Weave Data Table Settings

- **Torch Mount Set Up, Daily Checks and Adjustment**

- Setting Torch to Datum Gauge
- Checking to Torch Positioning Program
- Checking to Station Datum Positions
- Tool Offset Function
- Importance of Accurate TCP

- **Simple Robot Manipulation**

- Manipulation in Joint
- Manipulation in Cartesian
- Manipulation in Tool
- Different Jog Dial Uses

- **Basic Programming Structure**
 - File Management
 - File Naming and Mechanism Set Up
 - Inserting Air Cut Commands
 - Inserting Weld Commands
 - MDI Speed Change Method
 - Modifying Points
 - Deleting Points

- **Program Modification and Edit Functions**
 - MDI Weld Data Change
 - Replace Function
 - Program Protection Levels
 - Renaming Program Points
 - Inserting Global Positions
 - Adjusting Global Positions
 - Cut and Paste Function Use

- **Weld Navigation**
 - Weld Navigation Description
 - Weld Navigation Setting
 - Weld Navigation Use

- **Use of Sequence Commands**
 - Inserting Sequence Commands
 - Modifying Sequence Commands
 - Use of Favourites Window
 - Creating Favourites Window
 - Adding Remarks to a Program
 - Adding Jumps to a Program

- **Program Test**

- Opening Program Test Function
- Modifying Program whilst Using Program Test
- Weld Parameter Checks
- Use of Override Function

- **Robot Controller Back Up Procedure**

- Creating a Back Up Folder
- Standard Back Up Using a Folder
- Standard Back Up Without Folder

- **Welding Torch Maintenance**

- Parts descriptions and Part Number Identification
- Torch Removal
- Consumable Replacements

- **Wire Feed Unit Maintenance**

- Parts descriptions and Part Number Identification
- Roller and Wire Guide Removal
- Consumable Replacements

- **Common Fault Recovery**

- Robot Crash Recovery
- Error Message Recovery
- Alarm Message Recovery