

- **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 Naming and Mechanism Set Up
  - Inserting Air Cut Commands
  - Inserting Weld Commands
  - 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
  - Adding Harmonised Points
  - Adding Weaving Points
  
- **Use of Sequence commands**
  - Inserting Sequence Commands
  - Modifying Sequence Commands
  - Use of Favourites Window
  
- **Program Test**
  - Opening Program Test Function
  - Modifying Program whilst Using Program Test
  - Weld Parameter Checks
  - Use of Override Function

- **Weld Navigation**

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

- **Robot Controller Back Up Procedure**

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

- **Weld Trials**

- Modifying Weld by Adjusting Wire Length
- Modifying Weld by Adjusting Weld Travel Speed
- Modifying Weld by Adjusting Torch Angle

- **Running System in Operating Mode**

- Preparing System for Operating Mode
- Creating Programs for Operating Mode
- Selecting Operating Programs
- Use of System Controls
- HMI Function Screens
- Restart from Weld Error
- Restart from System Error
- Modifying Weld Position whilst in Operating Mode

- **Error Recovery**

- Weld Error Recovery
- Robot Crash Recovery
- Robot Controller Alarm Recovery
- Manipulator Alarm Recovery