

- **Safety, Safety Type and Practical Uses**
 - Emergency Stop Procedures
 - Emergency Stop Reset Procedure
 - Torch Mount Function and Controller Setting
 - Dead-man Handle Use

- **Robot Controller Set Up**
 - Setting Teach Setting Prior to and During Programming
 - 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
 - Importance of Accurate TCP

- **Simple Robot Manipulation**
 - Different Coordinate Manipulation
 - Different Jog Dial Uses

- **Basic Programming Structure**
 - File Management
 - 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
 - Cut and Paste Function Use

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

- **Use of Sequence Commands**
 - Inserting Sequence Commands
 - Modifying Sequence Commands
 - Adding Remarks to a Program
 - Adding Jumps to a Program
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- **Program Test**
 - Opening Program Test Function
 - Modifying Program whilst Using Program Test
 - Weld Parameter Checks

- **Robot Controller Back Up Procedure**
 - Creating a Back Up Folder
 - Standard Back Up Using a Folder
 - Standard Back Up Without Folder

- **Common Fault Recovery**
 - Robot Crash Recovery
 - Error Message Recovery
 - Alarm Message Recovery