



Toyopuc Intermediate Course Description and Objectives

1. Extended Addressing
2. Functions
 - a. Transfers
 - i. Direct Moves
 - ii. Indirect Moves
 - iii. Block Moves
 - iv. Data Distribution
 - v. Data Extraction
 - vi. Data Fill
 - b. Operations
 - i. Addition
 - ii. Subtraction
 - iii. Division
 - iv. Multiplication
 - c. Comparison
 - i. Contact Type
 - ii. Coil Type
 - d. FIFO (First in First Out)
 - i. FIFR
 - ii. FIFW
 - iii. SFIN
 - iv. SFOUT
 - e. Data Searches
 - i. SRH1
 - ii. SRH2
 - f. Logical Functions
 - i. AND
 - ii. OR
 - iii. NOT
 - iv. XOR
 - g. Bit Manipulation
 - i. Bit Shifts Left
 - ii. Bit Shifts Right
 - iii. Bit Shifts Left/Right
 - h. Number Conversion
 - i. BIN
 - ii. BCD
 - i. Increment/Decrement
 - i. Increment
 - ii. Decrement
3. Indirect Addressing