SLC 500 ADVANCED COURSE

Course Description

This training course provides the necessary resources and hands-on practice in efficiently Advanced Programming SLC500 System. It builds upon your advanced knowledge of programming controller, your ability to identify and create RSLogix 500 project components, and your experience interpreting advanced ladder logic.

This course adds to the trainee skill set by introducing new tasks such as Implementation and dealing of communication networks, I/O analog signal, PID, Fault & Interrupt Routine, advanced instruction, comparing program, and more.

Target Audience:
Individuals who need to advance programming a SLC 500 system should attend this course.

Pre-requisites:

- Basic computer skills with Windows XP very helpful.
- Few AB-PLC experience or knowledge.
- Basic Operation of RSLogix 500

Duration:

4 days, 7hours/day (from 9:00am to 4:00 pm).

Course Outline:

- **ANALOG SIGNALS**

- **Advanced Comparison Instructions**

- **Math Instructions**

- **Data Handling Instructions**

- **Program Flow Instructions**

- **Programming Shift Register Instructions**

- **PID Control**

- **Fault Routine**

- **Selectable Timed Interrupt**

- **Discrete Input Interrupt**

- **DH+ Communication**

- **DH-485 Communication**

- **SLC500 Remote I/O networks**

- **COMPARING**

- **Indirect and Indexed Addressing**

Address: 27 Orabi St, Office (706)
El-Azbakia, 11111-Cairo.
Tel: +20 2 25763462.
Fax: +20 2 25763463.

العنوان: ٢٧ ش عرابى، مكتب (٧٠٦)
الازبكية، ١١١١١ـ القاهرة.
تليفون: ٢٥٧٦٣٤٦٢ ٢ (٢٠)
فاكس : ٢٥٧٦٣٤٦٣ ٢ (٢٠)

Course Agenda

Day 1	**ANALOG SIGNALS** • **Advanced Comparison Instructions** • **Math Instructions** • **Data Handling Instructions** • **Program Flow Instructions** • **Programming Shift Register Instructions**
Day 2	• **PID Control** • **Fault Routine** • **Selectable Timed Interrupt** • **Discrete Input Interrupt**
Day 3	• **DH+ Communication** • **DH-485 Communication**
Day 4	• **SLC500 Remote I/O networks** • **COMPARING** • **Indirect and Indexed Addressing**