FACTORY AUTOMATION & INSTRUMENTATION CORPORATION COMPANY PROFILE

Revised Edition 2016



Factory Automation and Instrumentation Corp. is control system engineering and integration company providing solutions to businesses with high hopes of achieving their goals through the use of industrial automation. FAIC has been a reliable partner of companies engaged in Manufacturing, Material Handling, Pharmaceutical, Power, Semiconductor, Utilities, Water and Waste Management, Treatment for the last 14 years.

Our technical people, perfected by training and experiences with the industry's latest control systems technology, have just the right expertise to address the complexities and difficulties of automation and process control implementation.



MARGIE MASULA President of FAIC

MISSION

FAIC is a System Integration company that provides high quality products and services in the field of Automation & Instrumentation giving the best solutions that are practical, innovative, creative, cost effective and adaptable to our clients/partners' needs.

VISION

FAIC is a sustainable System Integration company that is globally effective in compliance to the Automation and Instrumentation demands and standards of Manufacturing, Facilities, Utilities, Oil & Gas, and other industries.

CORE VALUES

FAIC upholds the virtue of excellence and the value of commitment in providing timely and reliable solutions hand shaped by a God-fearing, transparent, loyal and determined team of customer-oriented individuals.

AFFILIATIONS

FAIC is affiliated and/or accredited by the most highly regarded local and international instrumentation and control, environment and water protection, and industrial automation organizations.

International Society of Automation (ISA)

Philippine Instrumentation and Control Society (PICS)

Philippine Metrology Society (PHILMETS)

Energy Management Association of the Philippines (ENMAP)

Water Environment Association of the Philippines (WEAP)

Maintenance Association of the Philippines (MAPHIL)







services

Systems Integration
Technical Training
Consultation
Turn-key Project
Control Panel Design & Fabrication
Calibration
Programming
Commissioning
Troubleshooting
Maintenance

FAIC provides solutions with nothing less than the world's leading industrial automation software and hardware.

INDUSTRY LINKS

Brands such as Siemens, approved partner of Digital Factory Division, Invensys Wonderware, Omron, Rockwell Automation Allen Bradley, Katronic, Azbil and are just a few to mention what our technical specialists have mastered over time.















For more inquiries about our services and products, e-mail us at faicph@gmail.com

Technical Training Courses range from 12 to 18 hours duration and are offered on modifiable dates to cater to a variety of customer needs. This training aims to train engineers and technicians in Industrial Automation and Instrumentation Control in order to alleviate the fast turnover of factory technical staff as well as to meet the growing needs of our local industry to enhance productivity.

ONE - DAY TRAINING FOR PLANT OPERATORS

- Maintenance of Pneumatics System
- Fundamentals of Power Hydraulics
- Fundamentals of Sensors and Transducers
- Fundamentals of PLC

2 DAYS TRAINING

- WinCC Flexible Configuration and Programming Course
- WinCC SCADA Configuration and Programming Course
- Wonderware InTouch Course
- Allen Bradley Configuration and Programming Course
- Analytical Measurements (Liquid and Gas)

3 DAYS TRAINING

Industrial Communications

TRAINING PROGRAM 2016

Course Title	Objective	Training Schedule
Basic Programmable Logic Control Course (Siemens / Allen Bradley / Omron)	This course enables the participants to understand the Basic of PLC functions, select hardware, perform programming and maintain PLC control system.	July 23, 30 and Aug 6
Industrial Power Hydraulics Control (24 hrs.)	This enables the participants to understand the principles and physical laws of hydraulics control, the design and operating principles of the different elements of a hydraulic power unit, and the different basic elements used in hydraulic control systems. It also enables them to interpret the I.S.O. symbols used in the design and troubleshooting of hydraulic control circuits.	(In-Plant Training Schedule)
Advanced Programmable Logic Control Course (Siemens / Allen Bradley / Omron)	This course enables the participants to understand the Advance PLC functions, select hardware, perform programming and maintain PLC control system.	April 16, 23 and 30 Sept. 17, 24 and Oct 1
Basic Electro-Pneumatics Control (24 hrs.)	This course enables the participants to design a more complex pneumatic control system by using sensing elements, relay and other electrical control devices and circuits.	(In-Plant Training Schedule)
Basic Instrumentation and Control Course	This course enables participants to select and apply proper instruments, as well as troubleshoot common problems in a control system.	May 07, 14 and 21
Discrete (Binary) Sensors for Industrial Automation (24 hrs.)	This course enables the participants to explain the characteristics and principle of operation of the different types of binary sensors as well as their ISO circuit symbols and areas of application. They will be able to demonstrate further the wiring connections of sensors according to ISO standards.	(In-Plant Training Schedule)
Maintenance of Industrial Hydraulics Control System (24 hrs.)	This course enables the participants to understand and perform the proper maintenance of a hydraulic control system for a more efficient operation.	In-Plant Training Schedule (From July onwards only)
HMI or SCADA (Human-Machine Interface or Supervisory Control and Data Acquisition Course – WinCC / Wonderware)	This course enables participants to attain familiarity with its fundamentals, designing, installing and troubleshoot common problems in HMI/SCADA.	June 11, 18 and 25

Basic Programmable Logic Control Course (Siemens / Allen Bradley / Omron)

Troubleshooting of Faults in Pneumatics Control System (24 hrs.)

Troubleshooting of Faults in Hydraulics Control system (24 hrs.)

Basic Process and Control Course

Practical Distributed Control System

Basic PLC Programming (32 hrs.)

This course enables the participants to understand the Basic of PLC functions, select hardware, perform programming and maintain PLC control system.

This course enables the participants to design pneumatics control circuit using I.S.O. standards and to systematically troubleshoot faults in the system

This course enables the participants to understand and perform the proper troubleshooting of faults in Hydraulic control systems.

This course enables participants to understand the Process Control, Controller Tuning and Control Strategies as well as troubleshoot common problems in a control system

This course enables participants to understand and design functional blocks which is the programming language of a Distributed Control System (DCS)

This course enables the participants to understand the basic operating principles of a programmable logic controller and to program a complex control that would be difficult to build with a relay system.

July 23, 30 and August 06

(In-Plant Training Schedule)

In-Plant Training Schedule (from September onwards only)

October 22, 29 and November 05,

November 12, 19 and 26

(In-Plant Training Schedule)



EXPERIENCE A DIFFERENT KIND OF TRAINING

Contact us at training@faicph.com Tel No: 426-9291/ Fax: 927-2940 FAIC already provided solutions from the simplest to the most complex processes of some of the country's biggest and most trusted corporations and organization.



United Laboratories, Inc.



National Power Corporation



Metropolitan Waterworks and Sewerage System



International Airport Authority

Manila International Airport Authority



Unilever RFM Ice Cream



Mitsuboshi Belt Philippines, Ltd.



Light Rail Transit Authority



Pepsi-Cola Products
Philippines Inc.



Coca-Cola Bottlers
Philipines



Taihon Chemicals and Services Inc



Team Energy Corp.



Trans-Asia Power
Generation

We are capable of providing services not just in one field but also in all possible industry.

Water and Wastewater Treatment
Aviation
Transportation
Power Generation
Manufacturing
Pharmaceutical
Food and Beverages
Cement

We plan and execute a Fast, Accurate, Innovative and Complete work to ensure your company's progress.



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