



ISA - The International Society of Automation



ISA Norcal in a continuing effort to provide valuable educational training and networking resources for our membership, is pleased to offer in 2010 a series of training sessions offered by the leading PLC / HMI manufacturers in the Bay Area:

DATE	CLASS	TIME	DESCRIPTION	LOCATION	SESSION	TUITION	SIGN-UP
4/06/10	ISA-G1	6 – 9 PM	GE Fanuc Cost Effective Redundancy in Control Systems This session will cover the subject of High Availability of Control Systems. We will cover shut down procedures, synchronizing and data switchover as well as programming and principals behind Redundant Control Systems. The class will cover configuration and logic programming of custom shut down procedures. We will discuss operation, maintenance and troubleshooting for a Redundant Control System. This class requires the basic knowledge of Process Automation Control Systems. This class is available for maintenance and engineers.	GE Finance Pleasanton, CA	Workshop 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
4/15/10	ISA-S1	6 – 9 PM	Siemens Programmable Logic Controllers for tailor made performance Join us to see how Siemens SIMATIC controllers offers an innovative solution for all automation tasks. We will provide a basic overview of the SIMATIC controllers product offering and features, plus a live demo, and we will walk through the basic getting started steps of using our engineering software.	Siemens Concord, CA	Presentation 25 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
5/05/10	ISA-A1	6 – 9 PM	Allen Bradley MicroLogix – PLC Basics Spanning multiple application needs and offering more expandability than ever before, the Allen-Bradley MicroLogix controllers are proven, reliable, and now even easier to learn how to use. Learn the basics of AB PLC communications, hardware, and software. Additionally learn how MicroLogix fits into your process, and how to program and operate the MicroLogix controllers.	Royal San Leandro, CA	Hands-On 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
6/08/10	ISA-G2	6 – 9 PM	GE Fanuc Basics of Process Control Systems (This would be a DCS like environment in off the shelf PLC's) This session will cover Proficy Process Systems. We will cover the hardware and software to provide process control for continuous and hybrid process applications. Control systems engineers and technicians will learn to integrate tools they need to design, implement, document, and maintain a process system. Application are in continuous process control strategies and utilities typically associated with DCS systems, yet at a traditional HMI/PLC solution openness, flexibility, & price structure.	Gexpro Hayward, CA	Classroom 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
7/15/10	ISA-S2	6 – 9 PM	SIMATIC HMI, the leading Human Machine Interface solution Join us in this session to see the latest innovations in Siemens HMI products. In this session, we will start with an overview of the SIMATIC HMI product offering and features, and demonstrate capabilities to connect to various PLC vendors, to share tags and screens, between HMIs, and introduce wireless HMI concepts. Plus, we will open up the configuration software to demonstrate how easy it is to get started within our engineering software for panels.	Siemens Concord, CA	Presentation 25 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
8/04/10	ISA-A2	6 – 9 PM	Allen Bradley Integrated Architecture Integrated Architecture brings together an outstanding range of pre-integrated components and systems that have been developed to help today's manufacturing enterprises across a wide range of industries. These include Logix controllers, NetWorx, Kinetix integrated motion, ViewAnywhere visualization platforms, intelligent motor control and advanced software tools. For anyone that could benefit from learning more about the cost savings and application advantages of an integrated control and information architecture.	CED Santa Rosa, CA	Hands-On 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
10/07/10	ISA-G3	6 – 9 PM	GE Fanuc Historian Applications in Control This class will cover the principals of using a Historian. This class will cover configuring and tagging data information in a controller and moving that data to a Historical file structure. Architecture and layout of client server data base will be discussed.	Gexpro Hayward, CA	Workshop 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
10/28/10	ISA-S3	6 – 9 PM	SIMATIC Automation Concepts – the latest innovations This content to be defined more specific at a later date	Siemens Concord, CA	Presentation 25 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
11/10/10	ISA-A3	6 – 9 PM	Allen Bradley MicroLogix – PLC Basics Spanning multiple application needs and offering more expandability than ever before, the Allen-Bradley MicroLogix controllers are proven, reliable, and now even easier to learn how to use. Learn the basics of AB PLC communications, hardware, and software. Additionally learn how MicroLogix fits into your process, and how to program and operate the MicroLogix controllers.	Royal San Leandro, CA	Hands-On 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll
12/01/10	ISA-G4	6 – 9 PM	GE Fanuc Workflow This session will cover procedure management. We will configure a system to cover the flow of implementing operational procedures. The system will guide operators to interactively orchestrate processes, solve problems faster without resources or demands on IT. The system will record and track work processes to prove compliance and capture manual data entry and automated entry with one tool – without custom code. This is an opportunity to replicate processes across your organization for unparalleled consistency.	Gexpro Hayward, CA	Classroom 12 seats	ISA: \$25 Student ISA: \$15 Non-ISA: \$45	Enroll

To enroll in courses, please click on "Enroll" or send an email requesting enrollment to bthomas@cedautomation.com
 Seating is limited, please enroll early to insure that a seat is reserved for you in your desired session
 Light refreshments will be provided
 In event of cancellation, a request must be received at least 48 hours in advance before session date for credit to be issued