

## 2010 Technical Training

Gexpro's technical training center allows you the opportunity to quickly become proficient on state of the art Programmable Automation Controllers, Computers, Software and a wide variety of associated peripheral products. We use a combination of instructional techniques including wide-screen computer projection, interactive workshop labs with a maximum of two people per PC/PAC, and group question and answer sessions. All class material is provided and classes include a continental breakfast and buffet lunch. Classes are from 8:30 - 4:00 p.m. unless otherwise noted. Conveniently located 1/8 mile North of Route 128, Exit 42.

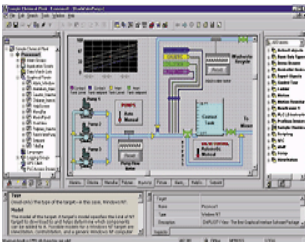
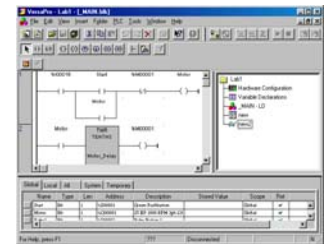


**Basic Controls Programming** - Introduction to Control Systems and Programmable Automation Controllers including hardware overview, understanding wiring diagrams, system configuration, relay logic, timing and counting. Hands on programming on PCs with GE Intelligent Platforms Proficy ME Logic Developer Software, online with the RX3i PAC. This software is also used to program all of the GE Intelligent Platforms Controllers and I/O. Also includes an overview of additional programming languages such as State Logic and Sequential Function Chart. Familiarity with basic electrical theory and controls helpful but not required as a prerequisite.

**Dates:** March 24, March 25, May 27 **Cost:** No Charge

**Advanced Controls Programming** - Covers the more advanced instruction set of the GE Intelligent Platforms PACs, including math, relational functions, Analog I/O and programming annotation. Labs include sample control programs and solutions with class discussion. Software used is Proficy ME Logic Developer, with an overview of Proficy ME View. In addition to PLC and PC Logic programming, the concept of integrated common databases and multiple editors will be introduced. We also cover Proficy Historian which provides a robust and effective plant data repository to collect, archive and distribute large volumes of real-time, plant floor information quickly and easily. Basic Controls Programming or previous programming a prerequisite.

**Dates:** March 31, June 3 **Cost:** No Charge (Includes Proficy ME demo CD and 25 point Historian)

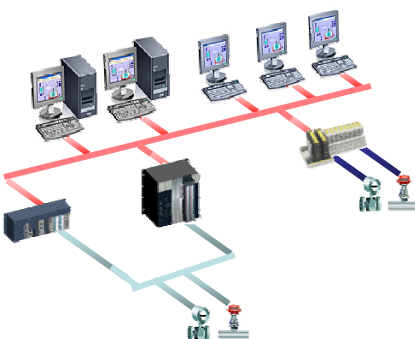


**Proficy View** - View is a Machine level HMI that allows you to visualize your process and control devices on a local Windows PC or CE device. It also lets you publish your data and graphical panels over the web to a standard web browser. It supports communication protocols from all the major PLCs and OPC client and Server drivers. You will create a real time PC based HMI application and integrate it with a PAC. Proficy ME, Basic/Advanced Controls Programming or previous PLC programming a prerequisite.

**Dates:** April 7, June 10 **Cost:** No Charge (Includes ME View demo CD)

**Motion Control & Servos** - PACMotion maximizes the potential of your machine so that you can produce more. When you have high performance needs that include high-speed motion applications, PACMotion provides the performance, flexibility, and productivity to make the most for your customers. PACMotion is a revolutionary new motion controller for the PACSystems RX3i, breaking the mold of what a motion controller can do. It controls up to 40 axes in a single rack over a high-speed backplane, with a hybrid distributed control architecture to ensure you get the speed and accuracy to maximize your machine.

**Dates:** April 14, June 17 **Cost:** No Charge



**Proficy Process Systems** - Proficy Process Systems is a state-of-the-art, scalable, fully integrated system for process automation and control. This unique technology is changing what's possible in process, by delivering the results your business demands, the Experience your challenges require, the Freedom you've been missing and the Contemporary Technology you've been waiting for.

**Learn Hands On:** - PACSystems Controllers for Process, Discrete and Analog/PID Applications  
- The Latest Versions of Our Leading Proficy HMI/SCADA Software Applications  
- Inherent Layering of Proficy Production Management Software

**Dates:** April 21, June 24 **Cost:** No Charge

Register at [www.GexproAutomation.com/events/workshops.htm](http://www.GexproAutomation.com/events/workshops.htm)  
For more information contact [Christopher.Cook@gexpro.com](mailto:Christopher.Cook@gexpro.com) (781) 710 - 5200

