Every year, thousands of people attend the Shell Robert Training & Conference Center to prepare themselves for the challenges of working in oil and gas operations. Students learn to troubleshoot equipment, analyze problems and reach real-time decisions. The Center is open to staff from Shell and other companies in the energy industry.

Recently, instructors decided to revise the Electronic Instrumentation workshop to keep providing high quality, up-to-date training. Revisions were driven by the need to incorporate new instrumentation types (radar level, Coriolis, etc), a new brand (Endress & Hauser) of equipment, new HART and Foundation Fieldbus communicators, and new control systems (Yokogawa Centum/ProSafe and Allen Bradley ControlLogix).

For hands-on training, new laboratory equipment was needed to support the revised curriculum.

To adequately prepare students for the workplace, Lab-Volt provided industrial-grade, realistic training system integrating the latest technology. Support was also an important decision factor, as well as the possibility to further customize the system in the future.

The Instrumentation and Process Control System – model 3531 – meets training needs. Electrical motor control training systems were also purchased for another workshop.

Instructors received positive feedback from the first participants of the revised version of the workshop.