



Exapilot Training Course #7930



Course Description

This course consists of lectures, demonstrations, laboratory exercises, and question and answer sessions designed to educate the student in the use, procedures, functions and design of the Exapilot system software.

Duration

3 day / 2.0 CEUs

Objectives/Outcomes

Upon completing the course, the learner will be able to exhibit the ability to:

- Explain the procedures for building and operating Exapilot
- Identify icons and describe the functions
- Create and use procedure modules
- Design, build, test and operate a real plant procedure using Exapilot

Intended Audience

All System/Process Engineers or technicians responsible for improving plant performance and improving plant operations.

Course Prerequisites

None

Technical Requirements

- Working knowledge of process control techniques including set points, process variables, manual positioning, auto/manual modes and status, alarm structure, analog/digital values
- Knowledge of the CS 3000 system and the operation of control blocks would be beneficial

Materials

Each learner will be provided with the appropriate course workbook.

Requirements to Be Awarded CEUs

- Submit completed course Registration Form
- Fulfill financial obligations
- Fulfill the 90% attendance requirement by signing-in each day of facilitated course
- Fulfill the 70% or above overall scoring requirement on labs and projects



Exapilot Training Course #7930



Course Syllabus

Day 1

- Introduction to Exapilot system
- Major Unit Procedures
- Procedure modules
- Exercises

Day 2

- Procedure Modules: Standard & User-Defined
- Advanced Alarm Functions
- MS-Excel Link Unit Procedures
- Exercises

Day 3

- Exercises – Pre-defined operations
- Builder functions and Operation procedures
- Exapilot Utilities
- Exapilot Security Procedures

Intellectual Property Rights

Yokogawa's Education Center owns unlimited exclusive rights to all works, including literary works, pictorial, graphic and sculptural works, architectural work, works of visual art and other work that may be subject matter of copyright protection; advertising and marketing concepts; information; data, formulas, designs specifications, and flowcharts; trade secrets; and any invention that may be subject matter of patent protection; and all statutory protection obtained or obtainable thereon.