

Instrumentation Overview

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: ICS-110

COURSE MODULES & TOPICS

Objectives

- Identify the different types of instruments used in an instrumentation loop
- Describe and explain the function of components that are used for an instrumentation loop
- Demonstrate how to build a basic instrumentation loop

Prerequisites

- Knowledge of basic electrical concepts

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

Next Level Learning

- Introduction to HART Communications (ICS-125)

Course Agenda

- Introduction to instrumentation loops
- Components of an instrument loop
- Instrument loop construction
- Instrument loop control signals
- Lab exercises
- Review
- Written exam