

## Temperature Detection

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: ICS-315

### COURSE MODULES & TOPICS

#### Objectives

- Identify and describe the components of different temperature detection devices
- Describe how temperature detection devices operate
- Demonstrate different connection methods and uses of temperature detection devices
- Demonstrate proper setup and calibration of temperature detection devices

#### Prerequisites

- Understanding of electrical theory and electrical systems

#### Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises
- Differential Pressure CellsFlow Detection course (ICS-300)
- Level Detection course (ICS-305)
- Flow Detection course (ICS-310)
- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

#### Course Agenda

- Temperature detection device construction
- Temperature detection device operation
- Temperature detection device calibration
- Lab exercises
- Review
- Written exam