

## PROCESS INSTRUMENTATION - Flow Technology (PI-FLW)

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### Short Description

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PROCESS INSTRUMENTATION - Flow Technology

### Objectives

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This course gives participants a comprehensive overview of several flow measurement technologies using coriolis mass flow, electromagnetic volume flow, Vortex flow measurement and ultrasonic flow technologies.

### Target Group

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This course is for service personnel and customers unfamiliar with flow meter technologies and the proper use of these process instruments

### Content

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1. Introduction to flow measurement and why it is a critical process variable.
2. Theory, history, and terminology
3. Flow markets and key applications
4. Working principles, installation, commissioning, common errors, and unique selling points of:
  - a. Coriolis MASSFLO flow meters
  - b. Electromagnetic flow meters
  - c. Vortex flow meter
5. Product selection by application
6. Installation guidelines
7. Hands-on exercises on each type of technology presented

### Prerequisites

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Basic knowledge on flow

### Type

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Face-to-face training

### Duration

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3 days

### Language

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en

### Fee

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12,652 ZAR