

# 60.1030 SMARTEC TRAINING COURSES



*For Distributors, Certified Solution Providers and End Users*



## GENERAL DESCRIPTION

Since the beginning in 1995 with the SOFO system, new technologies and monitoring solutions were constantly developed and integrated by SMARTEC in order to respond to the growing customer requirements. These training courses are your doorway to a proficient use of SMARTEC's monitoring solutions and the corresponding hardware and software components and systems.

## TECHNICAL DESCRIPTION

New products are continuously developed and launched on the market by SMARTEC. This includes new types of sensors, new measurement equipment and new software for data acquisition, management and analysis. Furthermore, the current components are used in new application fields and in new configurations.

The SMARTEC training course will help distributors, certified solution providers and end users to apply our monitoring solutions in the best possible way for each application, and to become independent in the planning, installation and use of the equipment.

Whether you are an individual willing to extend your knowledge or a company aiming to provide quality services to your customers, the SMARTEC training course fits all needs, from basic to advanced necessities.



## FEATURES

- Modular structured training courses
- Hands-on and practical exercises
- Course material in PDF format
- Held at SMARTEC headquarters or off-site
- Participation certificate

All training courses are structured in order to cover all the most relevant and critical aspects concerning the use of SMARTEC and Roctest's monitoring solutions in different application domains. Both technical and commercial aspects are presented in order to provide a 360° overview and training.

## CONTENTS OVERVIEW

Long-gage sensors and reading units (SOFO, MuST systems)

FBG sensors (strain, temperature)

Channel switch and multiplexing techniques

ADAM modules and thermocouples

Data acquisition and management software for static and dynamic measurements

Distributed sensing: DiTeSt, DiTemp systems

Software modules for distributed measurements

Laser distance measurements

Conventional geotechnical sensors and solutions

Selection of monitoring projects, application's specific installation techniques and tricks

SHMLive: Web-based, real-time turnkey structural monitoring solution

## Training Courses structure

