

# Jet Grouting



The course provides specific knowledge about the technology and related application fields.

## Course topics

### General topics:

- Soil & rock classification and characteristics
- Technologies and Geotechnical application fields
- Drilling techniques
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 12716
- Acquisition and use of electronic processing parameters (DMS, DPS, APS)
- Case histories

### Specific topics:

- Processing stages and grouting
- Technology variants
- Advantages and limitations
- Materials and execution controls
- Test field, process and product tests

### Extra Technology Packs (on demand):

- Tunnel technologies
- Injections
- Deep Soil Mixing

#### Duration

**4 days**

#### Languages

**English, Italian  
or any other language upon  
client's request**

#### Location

**Cesena (FC) - Italy  
or any customer's site**

#### Audience

**Site managers;  
Field engineers;  
Foremen;  
Rig supervisors.**

#### Prerequisites

**Experience in engineering  
foundation sector preferred  
but not essential**

#### Learning objectives

**To develop a technical and  
working knowledge of the  
technology;**

**To analyze the jobsite layout  
and the equipment;**

**To enhance the knowledge of  
construction phases and field  
applications;**

**To learn how to manage  
safety, quality and  
environment for the  
technology;**

**To acquire knowledge for  
troubleshooting.**