

Continuous Flight Auger (CFA) Cased Piles (CAP) - Secant Piles (CSP)

C-02



The course provides specific knowledge about the technology, the related application fields and also the various kinds of machines used.

Course topics

General topics:

- Soil & rock classification and characteristics
- Geotechnical application fields
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 1536
- Acquisition and use of electronic processing parameters (DMS)
- Case histories

Specific topics:

- Equipment and techniques related to the working conditions
- Processing stages
- Advantages and limitations
- Technology variants
- Related design choices and geometrical controls
- Concrete and steel controls
- Process and product tests

Extra Technology Packs (on demand):

- Displacement Piles
- Soil deep mixing

Duration

3 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 know how to manage
safety, quality and
environment for the
technology;**

**To acquire knowledge for
troubleshooting.**