



FTA

learning
to innovate

Fostering business innovation

Innovation is the development and application of new solutions that increase productivity, safety and profitability by enabling businesses to operate more efficiently.

Embracing changes in drilling, FTA facilitates innovation in training, on the jobsite or in the office. We introduce new technologies, services and products to improve existing drilling practices and affect positive change in your business.

Training for excellence

FTA defines training as a set of teaching procedures and techniques that are meant to cause learning.

Learn what you need now, by sharing background, experience and perspective. We encourage active learning through cooperative practice for operational excellence in any business situation.

Learning environment

We develop course materials with clear objectives and give continuous support. FTA provides opportunities to practice and apply new skills for meaningful and transferable learning. We deliver comprehensive training experiences helping drilling professionals to achieve optimal performance and lead industry change successfully.



Blended learning:

- **Contextual** – specific framework
- **Modular** – flexible, customizable
- **Active** – engaging
- **Social** – using discussions, direct interaction with experts & peers
- **Supportive** – collaborative & encouraging





Foundations Technology Academy

Since FTA establishment in 2006, we offer top quality training packages and personalized learning plans for:

- Site managers and field engineers,
- Operators and drilling crew,
- Mechanics, hydraulics technicians and fitters,
- Electricians and software engineers.

FTA delivers standard and tailored courses built around specific learning objectives:

- Latest technology trends and quality assurance methods
- Cutting-edge drilling equipment
- Advanced maintenance and troubleshooting techniques
- Jobsite procedures and operations safety

The training activities are scheduled on a rolling basis and/or as a unique event and include post-learning support.

Along with ready-made educational resources, FTA hybrid learning programs help you to be more prepared, make better decisions and cut business costs.

- Classroom teaching and coaching
- E-learning
- Test field and hands-on exercises
- Dedicated job-site training

FTA is constantly transforming learning experience to train people better.

ARNING
OVATION



TECHNOLOGIES

COURSE

Ground engineering
Deep foundations
Retention systems
Soil improvement
Cut-off technologies
Tunnelling
HSE

CONTENTS

Technologies & applications
Pile driving
LDP
CFA
CAP/CSP
Displacement piles
Micropiles
Anchors
Deep soil mixing
Turbojet®
Diaphragm wall
Slurry wall
Dynamic compaction
Forepoling
Cement grouting
Technology-specific risk assessment

TOPICS

- Drilling techniques & applications
- Soil Investigation & classification
- Equipment & site layout
- Operational safety
- Quality assurance
- Reporting
- Drilling techniques
- Case histories

PRODUCTS

COURSE

SR-line
SF-line
SC-line
SM-line
ST-STM line
DMS

CONTENTS

SR EVO
SR ADV
SR HIT
SR Blue Tech
SF-55 / SF-65
Hydromill: SC-130; SC-135
Crane attachment / Grab
SM-6 / SM-11
SM-14
SM-15 / SM-15HD
SM-18 / SM-22
ST / STM
DMS OB / DMS PC / DMS Manager

TOPICS

- Applicable technologies
- Design & configurations
- Work safety
- Operation & routine check-ups
- Service & maintenance
- Troubleshooting
- Systems & components
- Cab & controls
- Tools & accessories
- Machine supervision
- Job aid tools
- Fleet management

SITE

COURSE

Operators
Technicians

CONTENTS

SR-line
SF-line
SC-line
SM-line
ST-STM line
DMS

TOPICS

- Equipment & applicable technologies
- Soil mechanics
- Machine design, operational readiness
- Job site safety
- Changeovers
- Fitting operations
- Maintenance, parts replacement
- Machine documentation
- Rig up/down, transport
- Machine set-up & control
- DMS & operator assist
- Drilling process
- Travelling / drilling exercise
- How-tos & best practices



To check upcoming events,
and find those suitable for you,
please contact FTA team:
training@soilmec.it



www.soilmec.it