






COURSE PROGRAMME



Mondolfo Ferro's Training Centre provides an educational and training service with the aim of training users of its equipment. Courses are open to all specialists and people working in the sector.

Depending on the **type**, the courses can be:

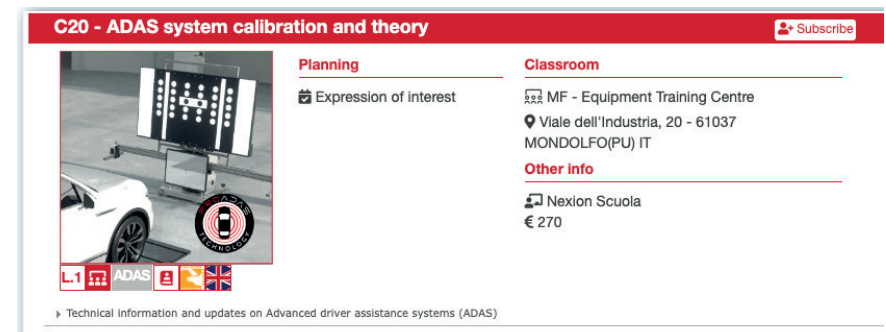
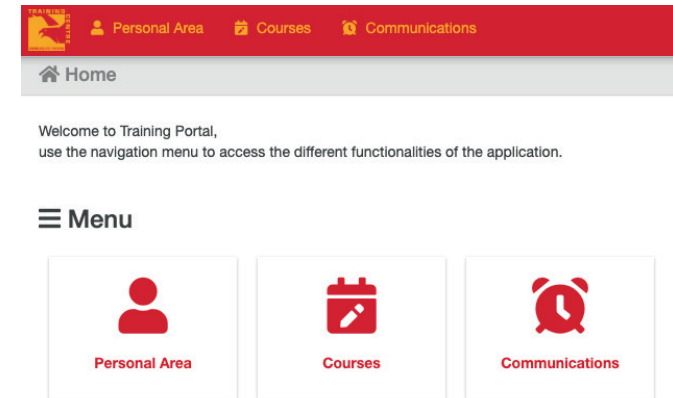
-  in-person, held in the training room;
-  live streaming, to be attended through Microsoft Teams platform;
-  on demand, by downloading the video course.

In-person courses are generally aimed at **groups of a maximum of 8 people**: the limited number of participants allows for more effective and customised teaching, offering many opportunities to exchange views and for practice session on equipment.

Each participant will be provided with a free user account on the **Training Portal**, where he/she will be able to register for the courses he/she is interested in and **consult all the teaching materials related to the courses he/she has attended**.

Live streaming courses will be available in full for participants to review and download.

Upon completion of the course, each participant will receive a **Certificate of participation** certifying the training contents.



Training portal trainingcentre.mondolfoferro.it

The Training Centre has large areas available, where theory and practice are both possible.

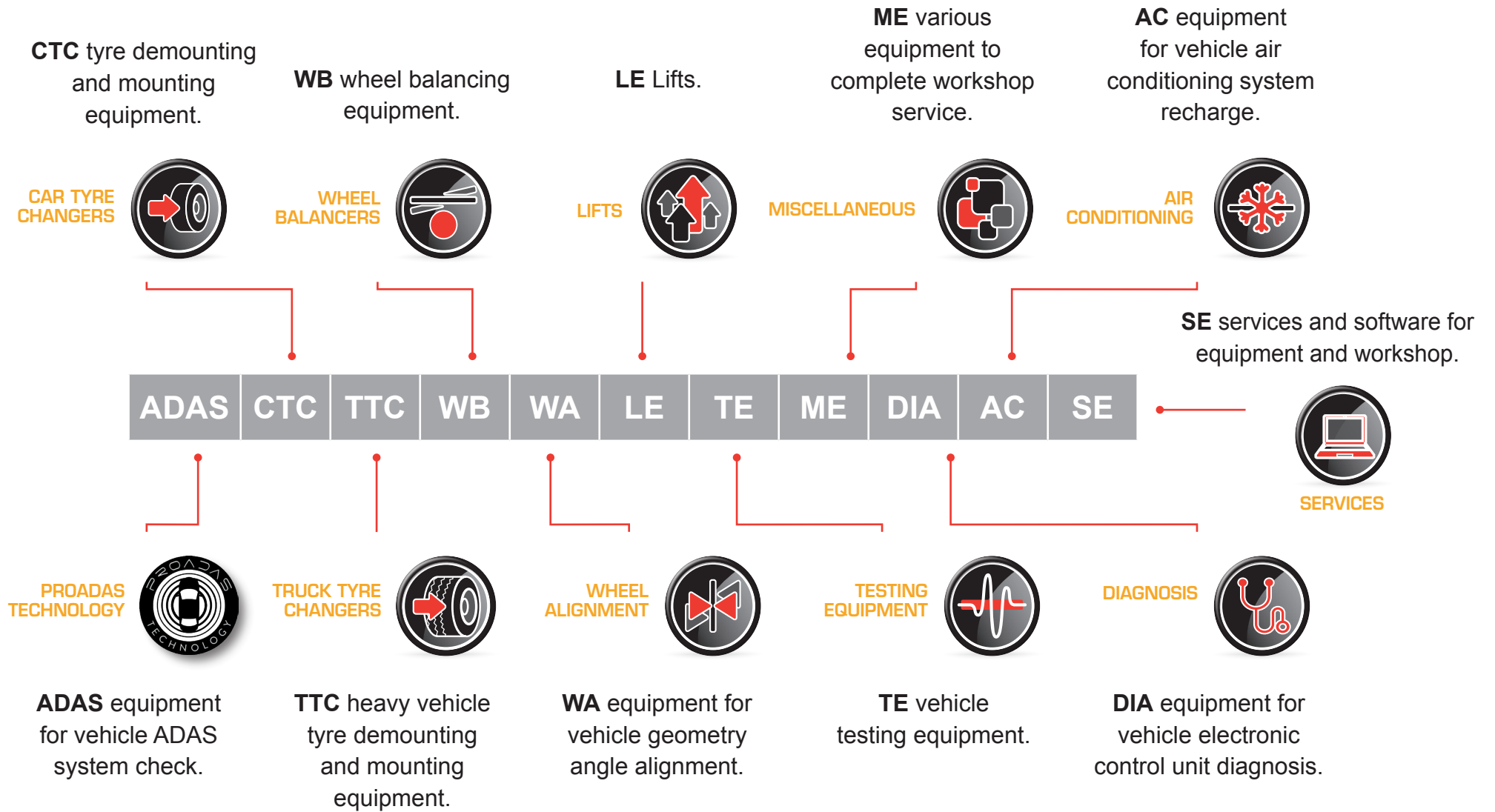


Classroom for theory

Training Centre, Viale dell'Industria 20, 61037 Mondolfo (PU) - Italy

The Mondolfo Ferro's Training Centre can now **be virtually toured**. This is thanks to **Matterport technology** that offers a realistic and immersive user experience, complemented by the possibility for the virtual visitor to view specific videos and download the commercial documentation for each product.





Category

INSTALLATION
this course is dedicated to Service Technicians

TECHNICAL / COMMERCIAL
this course is dedicated to Service Technicians and to salespersons



SERVICE
this course is dedicated to Service Technicians

USE
this course is dedicated to equipment users

Type

IN-PRESENCE
course held at MONDOLFO FERRO

VIDEO-COURSE
24-hour availability online



WEBINAR
videoconference through Microsoft Teams platform

Category



Content for product line



Type



Course for beginners and operators with a minimum of experience aimed at providing technical information and updates

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Language



Duration



Notes

Course content

- ▶ Wheel alignment theory
- ▶ Wheel alignment procedures
- ▶ Practical exercises
- ▶ Electrical steering reset
- ▶ Hints concerning ADAS wheel alignment-related systems



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Necessary preconditions

A basic knowledge of geometry check is advisable.

Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Theory and practice on using the family of tyre changers WITHOUT LEVER: Aquila TORNADO, Aquila RAPAX and Aquila RAPTOR.

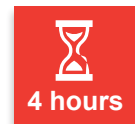
The course is designed for:

- ▶ Tyre technicians
- ▶ Technicians
- ▶ Sector operators

Language



Duration



Notes

Course content:

Tyre changer WITHOUT LEVER:

- ▶ Demounting and mounting manual and automatic procedures (where applicable)
- ▶ Demounting and mounting procedure with pressure sensor
- ▶ RFT (WDK) demounting procedure
- ▶ **TPMS** tool for pressure sensors
- ▶ Ordinary maintenance and calibration procedures
- ▶ Practical tests on tyre changers WITHOUT LEVER

Necessary preconditions

Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Theoretical and practical knowledge of wheel balancing, diagnosis and wheel deformation (Match Mounting)

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Language



Duration



Notes

The course will be carried out on:

- MT 4000C
- MT 3650C up

Course content:

- ▶ Wheel centring
- ▶ Wheel balancing programs and imbalance theory
- ▶ Weight saving program
- ▶ Wheel diagnosis and Match-Mounting
- ▶ Program for positioning the wheels on the vehicle
- ▶ Eccentricity and wobble
- ▶ Practice on diagnostic wheel balancers
- ▶ Ordinary maintenance and calibration procedures

Necessary preconditions

Price for the course



per person
VAT NOT INCLUDED

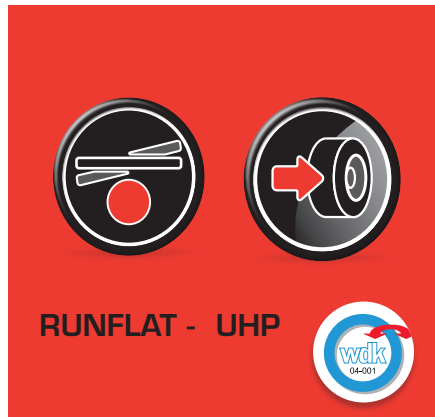
Category



Content for product line



Type



Theory and practice on RunFlat and UHP tyre technology and mounting, wheel balancing, vibration minimisation technologies and weight saving

The course is designed for:

- ▶ Tyre technician with a minimum of experience
- ▶ Sector operators, technicians
- ▶ Car dealers also specialised in wheel change

Language



Duration



Notes

Practice on RunFlat and UHP mounting/demounting is carried out on WDK (German certifying body) approved equipment and also includes the wheel sensor test procedure (compulsory on newly type-approved cars from 2012) with the special TPM-02 tool.



Necessary preconditions

Course content

- ▶ General information on Run-Flat tyres
- ▶ General information on RunFlat and UHP technology
- ▶ Basics regarding tyre pressure measurement and sensors (TPMS)
- ▶ Approved procedures for correct demounting/mounting
- ▶ Practical exercises
- ▶ Wheel balancing basic theoretical principles
- ▶ Practical exercises also including:
 1. main accessories and clamping systems for correct wheel balancing
 2. use of Alu programs for wheels with alloy rims (hidden weight)
 3. possibility of removing imbalances using the new sonar check technologies and weight reduction programme

Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Notes

The course will be carried out on:

- TBE 160 Matic
- MT 6350

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Course content:

- ▶ Use and technical characteristics of equipment
- ▶ Demounting and mounting procedures
- ▶ Theory and information on rim/tyre characteristics
- ▶ Wheel balancing procedures
- ▶ Imbalance theory
- ▶ Accessories

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Technical information and wheel alignment procedures on wheel aligners and pre-checks without clamps

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Language



Duration



Notes

Course content:

- ▶ Wheel alignment geometry angle theory
- ▶ Trigon ROBOTEC procedures and use and Trigon QUICK VISION contactless pre-check
- ▶ Using Full and Smart databases
- ▶ “Electrical steering” procedure and adjustment
- ▶ Practice

Necessary preconditions

A basic knowledge of geometry check is advisable.

Price for the course



per person
VAT NOT INCLUDED

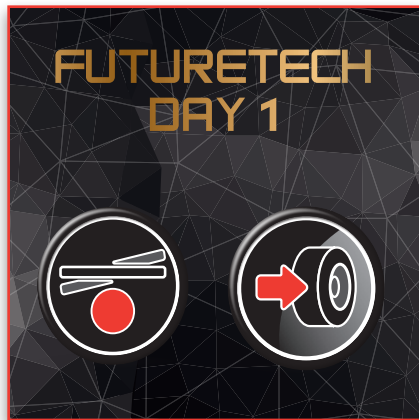
Category



Content for product line



Type



Notes

The course will be carried out on:

- Aquila TORNADO
- Aquila RAPAX
- MT 4000C

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians
- ▶ Technicians
- ▶ Sector operators

Course content:

Tyre changer WITHOUT LEVER:

- ▶ Demounting and mounting procedure with pressure sensor
- ▶ RFT (WDK) demounting procedure
- ▶ **TPMS** tool for pressure sensors
- ▶ Ordinary maintenance and calibration procedures
- ▶ Practical tests on tyre changers WITHOUT LEVER

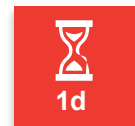
Diagnostic wheel balancers:

- ▶ Wheel balancing programs and imbalance theory
- ▶ Wheel centring
- ▶ Wheel diagnosis and Match-Mounting
- ▶ Practice on diagnostic wheel balancers

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

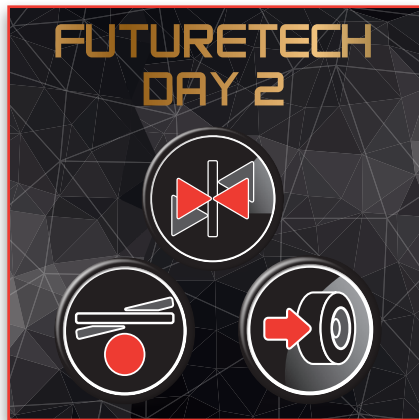
Category



Content for product line



Type



Notes

The course will be carried out on:

- Trigon ROBOTEC
- Trigon QUICK VISION
- Aquila TORNADO
- Aquila RAPAX
- MT 4000C

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians
- ▶ Technicians
- ▶ Sector operators

Course content:

Contactless technology

- ▶ Trigon ROBOTEC procedures and use and Trigon QUICK VISION contactless pre-check (with hints regarding angle theory)
- ▶ “Electrical steering” adjustment

Tyre changer WITHOUT LEVER:

- ▶ Demounting and mounting procedure with pressure sensor
- ▶ RFT (WDK) demounting procedure

Diagnostic wheel balancers:

- ▶ Wheel balancing programs and imbalance theory
- ▶ Wheel centring
- ▶ Wheel diagnosis and Match-Mounting
- ▶ Practice on diagnostic wheel balancers

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

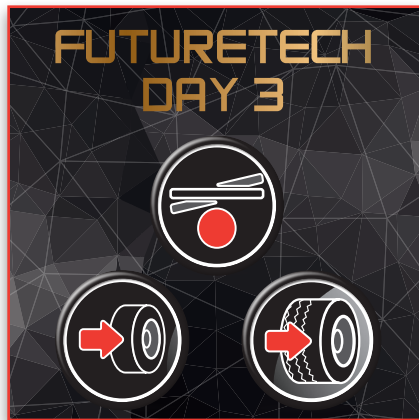
Category



Content for product line



Type



Notes

The course will be carried out on:

- TBE 160 Matic
- Aquila TORNADO
- Aquila RAPAX
- MT 4000C

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians
- ▶ Technicians
- ▶ Sector operators

Course content:

TBE 160 MATIC (heavy duty tyre changer WITHOUT LEVER)

- ▶ Demounting and mounting tubeless tyres
- ▶ Demounting and mounting tyres for agriculture
- ▶ Using accessories
- ▶ Ordinary maintenance
- ▶ Practice

Tyre changer WITHOUT LEVER:

- ▶ Demounting and mounting procedure with pressure sensor
- ▶ RFT (WDK) demounting procedure

Diagnostic wheel balancers:

- ▶ Wheel balancing programs and imbalance theory
- ▶ Wheel centring
- ▶ Wheel diagnosis and Match-Mounting
- ▶ Practice on diagnostic wheel balancers

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

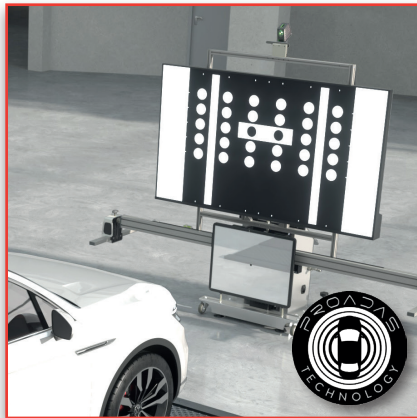
Category



Content for product line



Type



Technical information and updates regarding Driver Assistance Systems (ADAS)

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Glass repairers
- ▶ Body shop workers
- ▶ Mechanics

Language



Duration



Notes

Course content:

- ▶ Theory and presentation of all ADAS systems and their future use
- ▶ Calibration procedures with PROADAS
- ▶ Wheel alignment pre-check procedures
- ▶ Practical exercises

Necessary preconditions

A basic knowledge of ADAS systems is advisable.

Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Course content:

- ▶ Use and technical characteristics of equipment
- ▶ Demounting and mounting procedures
- ▶ Theory and information on rim/tyre characteristics
- ▶ Accessories
- ▶ Practical exercises

Language



Duration



Notes

The course will be carried out on:

- Aquila TORNADO
- Aquila RAPAX
- Aquila RAPTOR
- Aquila AS 944

Necessary preconditions

Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Notes

The course will be carried out on:

- Aquila TORNADO
- Aquila RAPAX
- Aquila RAPTOR
- Aquila AS 944
- MT 4000C
- MT 3650C up

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Course content:

Light tyre changers:

- ▶ Use and technical characteristics of equipment
- ▶ Demounting and mounting procedures
- ▶ Practical exercises

Wheel balancers:

- ▶ Wheel centring
- ▶ Wheel balancing programs and imbalance theory
- ▶ Practice on wheel balancers

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

Category



Content for product line



Type



Notes

The course will be carried out on:
• TBE 160 Matic

Necessary preconditions

The course is designed for:

- ▶ Tyre technicians (even not experienced)
- ▶ Technicians
- ▶ Sector operators

Course content:

- ▶ Use and technical characteristics of equipment
- ▶ Demounting and mounting procedures
- ▶ Theory and information on rim/tyre characteristics
- ▶ Accessories
- ▶ Practical exercises

Language



Duration



Price for the course



per person
VAT NOT INCLUDED

In order to participate in our courses, it is necessary to have an active profile in our [Training portal](#).
If the applicant is not yet registered, he/she can activate it in two ways:

- ▶ independently at this [link](#).
- ▶ via e-mail at trainingcentre@mondolfoferro.it, by sending us the following information:
 1. **Company name and VAT no.** of the participant/company
 2. **Generic e-mail address of the participant/company**
 3. **First and last name** of the participant
 4. Participant **e-mail address** (can be the same as in point 2)
 5. Participant **mobile phone** (optional but recommended)


Upon registering, the participant will receive by e-mail the **credentials to access his/her personal area** within the Training Portal, where he/she will find all the information about the courses, the teaching materials and the certificate at the end of the course.

On the other hand, if the participant already has an active profile, he/she can enrol to the courses independently.

- ▶ Unless otherwise specified, the number of participants for each course is a minimum of 4 and a maximum of 8.
- ▶ Once the maximum number of participants has been reached, enrolment will be closed.
- ▶ If the minimum number of participants for each course is not reached, the course may not take place. In that case, interested parties will be duly informed in order to find the most suitable solution.
- ▶ If a company enrolls more than one person, the first will pay 100 per cent of the course fee, while from the second on a 50 per cent discount on the course fee will be granted.



Practical information

- ▶ The in-person courses  take place at the **Mondolfo Ferro Training Centre classroom**.
- ▶ The price of each course includes teaching materials and lunch in case the course lasts a full day.
- ▶ A certificate of attendance will be issued at the end of the course with positive result.
- ▶ Travel, transfers and in case accommodation are at the participant's expenses.
The names of partner hotels can be suggested on request.
- ▶ Enrolments must be received by e-mail or through the **Training Portal** trainingcentre.mondolfoferro.it.
- ▶ Enrolments will be considered confirmed after they have been approved by the **Training Centre**.
- ▶ Once confirmation has been received, the participant is asked to proceed with payment according to the terms agreed.
- ▶ **Any cancellation of enrolment must be notified by e-mail at least 7 days before the course start date. Failure to meet this deadline will result in the entire enrolment fee being charged.**



trainingcentre.mondolfoferro.it

TRAINING CENTRE



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CONTACT AND LOCATION INFORMATION

📍 Viale dell'Industria 20, 61037 Mondolfo (PU) - Italy

✉ trainingcentre@mondolfoferro.it

Training Centre Virtual Tour

The Mondolfo Ferro's Training Centre can now be virtually toured. This is thanks to Matterport technology that offers a realistic and immersive user experience, complemented by the possibility for the virtual visitor to view specific videos and download the commercial documentation for each product.