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ERTMS MASTERCLASS CERTIFICATION & AUTHORISATION (PART ETCS)



35 hours.

Multilingual Accessibility



You can contact
the Secretariat at the e-mail
segreteria.cifiservizi@cifi.it
or at the number +39.06.4742987.



<https://www.ferrovie.academy/en/corsi/ertms-masterclass>



Training course

ERTMS Certification & Authorisation (Part ETCS)

On-Demand

Legal Framework		
4 th Railway Package	ERA Registers and Procedures OSS	
Construction Norms and RAMS-THR-SIL requirements		
IEC norms	Cenelec norms	
Technical Standards		
Regulation EU 2023/1695 CCS TSI	Application of the CCS TSI	ETCS Specifications
TSI compliance assessment		
On board testing	Trackside approval	ESC Checks/Types/Statements
Safety Assessment		
Interoperability constituents		
Subsystem certification		
On board authorisation		
Trackside authorisation		
Insights and case studies		

Course Duration: **35 hours.**

Organizational Secretariat: CIFI - Via Giovanni Giolitti, 46 – Roma Termini - segreteria.cifiservizi@cifi.it

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CIFI Presentation

The **Italian College of Railway Engineers (CIFI)**, founded in 1899, is one of the oldest and most important technical and professional associations in Italy. Its main objectives are:



- To promote the study of scientific, technical, economic, and legislative issues related to land transport.
- To propose the best solutions to these issues, engaging with public opinion, the Executive and Legislative Powers of the State, public Administrations and private entities.
- To enhance the role of engineers and transport experts and contribute to their cultural advancement.
- To contribute to the improvement of technical culture and the professional training and development of those working in the land transport industry.

The College, which brings together around 2,400 individual members involved in land transport, has always been chaired by eminent figures in the field of transport science and technology. According to the new statute, both engineers as ordinary members and non-engineers as associate members can register as individual members. Additionally, engineering students can register as junior members. The College also includes over [150 industrial and transport companies](#), several university institutes, Public Companies, departments and engineering orders as collective members.

CIFI's activities are fundamentally cultural and aimed at providing moral support to the profession. In the publishing field, CIFI is responsible for the publication of two periodicals:

- **Ingegneria Ferroviaria:** A monthly journal focused on transport technology and economics, accredited in the [Scopus](#) academic literature databases, managed by the publisher Elsevier.

- **La Tecnica Professionale**, a monthly collection of studies and news for railway education, is dedicated to personnel in various categories.

The College also publishes books and monographs of scientific, technical, and professional interest.

CIFI organises educational and professional development courses, business organisation and management courses, and collective educational trips. It also awards periodic prizes to encourage studies and research on land transport. A Social Library, well-stocked with railway-related books and journals, is available to scholars.

Since its inception, CIFI has been a member of the **Union of European Railway Engineers' Associations (UEEIV)**, which includes twenty-four organisations from various European countries.

CIFI Training Courses



CIFI courses are taught by highly experienced railway experts, ensuring that the training content is always up-to-date and aligned with international standards.

Furthermore, the educational structure is designed to provide meaningful, practical experiences, expand students' skills and adequately prepare professionals to face the challenges of the ever-changing railway sector.

By visiting the [CIFI](#) and [Ferrovie.Academy](#) websites, one can further explore the various training opportunities offered and understand their positive impact on the careers of railway experts.

Partners of the course

Cifi is proud to have the following as partners for this course.

UEEIV - The Union of European Railway Engineers

The UEEIV (Union of European Railway Engineer Associations) was founded in 1990 as a European umbrella organisation for national railway engineer associations. It currently comprises **14 national member associations**, including prominent organisations such as VDEI (Germany), CIFI (Italy), CITEF (Spain), and RCEA (France), representing a diverse network of professionals and organisations in the railway sector.

Additionally, it includes 12 supporting members, further fostering dialogue with the industrial and academic world.

Their main tasks are:

- ✓ Supporting activities or promoting contacts between the individual national member associations
- ✓ Organising of conferences, congresses, symposia and exhibitions (together with the national member associations)
- ✓ Exchange of knowledge between railway engineers, railway companies, industry and science institutions
- ✓ Representation of the interests of Railway Engineers, railway companies and railway industry towards politics and the public
- ✓ Support in the education and further training of engineers through certification as “European Railway Engineers (Eurail-Ing)”
- ✓ Qualification of the operators of railway maintenance machines by means of a Europe-wide uniform, independent personnel certification
- ✓ Promotion of young Railway Engineers

IEC TC9 - The Union of European Railway Engineers

The Technical Committee 9 of the International Electrotechnical Commission is in charge of preparing international standards for the railways field, which includes rolling stock, fixed installations, management systems (including supervision, information, communication, signalling and processing systems) for railway operation, their interfaces and their ecological environment.

These standards cover railway networks, metropolitan transport networks (including metros, tramways, trolleybuses and fully automated transport systems) and magnetic levitated transport systems.

These standards relate to systems, components, and software, and they deal with electrical, electronic, and mechanical aspects, the latter being limited to items depending on electrical factors.

These standards deal with electromechanical and electronic aspects of power components as well as with electronic hardware and software components.

Cenelec

The **ERTMS Certification & Authorisation (Part ETCS)** course benefits from the scientific contribution of **CENELEC TC 9X**, the technical committee of the European Committee for Electrotechnical Standardization (CENELEC) dedicated to the railway sector. CENELEC is one of the three European standardization organizations officially recognized by the European Union and EFTA, tasked with developing technical standards to ensure interoperability, safety, and efficiency.

TC 9X develops specific standards for electrical and electronic railway systems, with a particular focus on innovative technologies such as the **ERTMS (European Rail Traffic Management System)**. This European system, essential for harmonizing rail traffic, relies on the standards established by TC 9X to ensure technical and operational consistency across member countries.

Alstom

Alstom is a global leader in the design and implementation of ERTMS (European Rail Traffic Management System), essential for ensuring interoperability, safety, and sustainability in railway transportation. With extensive experience on a global scale, Alstom's professionals have actively contributed to the inception and development of the ERTMS system, driving key innovations in the sector. Their participation in the CIFI course on ERTMS certifications and authorization procedures provides a highly valuable technical-scientific contribution, grounded in hands-on expertise. Alstom offers participants a unique perspective on the challenges and solutions related to the compliance and implementation of ERTMS systems worldwide.

Hitachi Rail

Hitachi Rail is a global player in the railway sector: an integrated group capable of offering rail transport vehicles, signalling systems and digital technology, service & maintenance activities as well as turnkey solutions worldwide.

For the signalling systems, the company is a global leader in the design and

implementation of ERTMS (European Rail Traffic Management System), essential for ensuring interoperability, safety, and sustainability in railway transportation. Hitachi Rail boasts unparalleled expertise, with its professionals directly contributing to the inception and global development of ERTMS. Their participation in the course organized by CIFI on ERTMS certifications and authorization procedures provides a highly valuable technical-scientific contribution, drawing on hands-on experience from international projects and offering participants an exclusive insight into the challenges and solutions that have shaped the modern railway system.

Certifer

CERTIFER is an international Company Group founded in France in 1997. Their historical business unit is a leader in the railway assessment, specialised in railway Testing, Inspection and Certification for transportation systems, with more than 300 employees and 25 locations worldwide. CERTIFER is present throughout Europe, as well as in China, the Middle East, Australia, North and South America.

CERTIFER Italia, the Italian company of the Group located in Pisa, is accredited as NoBo, DeBo Italy, DeBo Greece, AsBo, ISA, OIF, and ECM for all the subsystems.

IIS Cert

The IIS - Istituto Italiano Saldatura (Italian Welding Institute) is a private non-profit organisation founded in 1948 as an association. The IIS has the mission of promoting and encouraging the progress of welding in all its fields in Italy, including related and complementary techniques and contributing to its knowledge and diffusion.

IIS CERT is the company in charge of providing services concerning the certification, according to the main national and international codes and regulations, of personnel, quality management systems, environment and safety, manufacturing and control processes and procedures, products and materials.

RINA

With a global network of over 5,800 talented professionals, RINA is committed to simplifying complexities with a focus on energy transition, ESG and digitalisation.

RINA specialises in testing, inspection, certification, and engineering solutions across a wide range of markets, including Marine, Energy and Mobility, Real Estate and Infrastructure, Space and Defense, and Industry 4.0.

Wray Castle

Wray Castel empowers the global telecoms world by developing the specialist knowledge, skills and competencies organisations need to build, maintain, optimise and operate the cutting-edge communications networks of today and tomorrow that support national critical infrastructure.

Trusted by the global telecoms industry since 1958, Wary Castle telecoms training courses helped upskill over **300,000** industry professionals from over **85 countries worldwide**. Our learners come from many major mobile and fixed operators, vendors, regulators, consultants, rail operators, energy suppliers and government organisations.

Akkodis

Akkodis is a global digital engineering company and Smart Industry leader. Smart Industry is where engineering, IT and digital converge into a connected world. Akkodis tackles the world's toughest challenges by deploying best-in-class engineering talent and cutting-edge technology practices that drive purposeful innovation. Empowered by a culture of inclusion and diversity, our 50,000 tech experts across 30 countries combine best-in-class technologies and cross industry knowledge to drive purposeful innovation for a more sustainable tomorrow.

Railway Gazette

Active since **1835**, it is the most authoritative source for news, analysis, and insights in the global railway sector, followed by over **140 countries**. Through the railwaygazette.com portal it provides comprehensive coverage of industry developments, with content that can be filtered by geographical or technical criteria, weekly newsletters, and real-time updates on major social media platforms. The prestigious monthly magazine **Railway Gazette International**, available in both print and digital formats, explores technical, operational, and commercial aspects with high-value articles and in-depth analysis. Partnering with Railway Gazette as a media partner means leveraging a global network and unparalleled expertise recognised wherever railways operate.

Railway Personnel

As the media partner of this course, Rail Personnel is an internationally recognised recruitment specialist with a solid reputation in the rail industry worldwide for finding clients the people they need. They can provide staff on contract or to fill a permanent position. They have been helping people find jobs for over 20 years.

Course Objectives

The “ERTMS Certification & Authorisation (Part ETCS)” course offers comprehensive training on the European Rail Traffic Management System (ERTMS), which is essential to ensure interoperability and safety in modernised railway networks.

The course will focus on:

- ✓ The regulatory framework, including the relevant European directives and CENELEC standards (50126, 50129, 50716), focusing on the Technical Specifications for Interoperability (TSI) and SRS.



- ✓ The TSI compliance assessment, considering the On-Board Testing, the Trackside Approval and ESC Checks/Types/Statements



- ✓ The safety assessment, including Regulation 402/2013 on Common Safety Methods and Risk Management, ERA 1209/063 on Clarification on Safe Integration, the Assessment Body and the means of components of the Safety Case



- ✓ The interoperability constituents, considering Notified Bodies and Designated Bodies Files, the Decision 2010/713/EU on Modules for assessment of conformity and Regulation 2019/205 - Template for declarations and certificates.



ERTMS CERTIFICATION & AUTHORISATION (PART ETCS)" - COURSE

- ✓ On-board and trackside authorisations, including Procedures and relationship between ERA and NSA, On-board Class A/B, Guidelines of NSA's and National Requirements



ERTMS CERTIFICATION & AUTHORISATION (PART ETCS)" - COURSE

- ✓ Applications and case studies



ERTMS CERTIFICATION & AUTHORISATION (PART ETCS)" - COURSE

"ERTMS Certification & Authorisation (Part ETCS)" - course

e-mail: segreteria.cifiservizi@cifi.it tel. +39.06.4742987

Target audience

The course is aimed at all professionals involved in any ERTMS life cycle part:



- ✓ Standardisation
- ✓ Design
- ✓ Works management
- ✓ ERTMS works
- ✓ Supplies of railway technologies
- ✓ Certification and risk assessment
- ✓ Commissioning
- ✓ Traffic management
- ✓ ERTMS maintenance
- ✓ Technical-administrative tests
- ✓ Expert assessments/specialist consultancy in the field of railway technologies
- ✓ etc.

COURSE LOCATION:



It is possible to participate in the course On-Demand, at dates and times of the participants' choosing, by accessing the recorded lectures.

CERTIFICATE OF PARTICIPATION:



At the end of the course, a certificate of participation is issued, subject to successful completion of the final exam.

For more information, you can contact the CIFI at the following details:

CIFI Technical Secretariat – Italian College of Railway Engineers

Via Giovanni Giolitti, 46 - 00185 Rome

Email: segreteria tecnica@cifi.it - Phone: +39.06.4742987

Programme of the course

START OF THE COURSE AND INTRODUCTION

Lecturer: Fabio Senesi, Head of Rome Section of CIFI and author of several books on ERTMS

LESSON 1.1 [1 hour]

TITLE: ERTMS - STANDARDS AND LEGISLATION - SYSTEM DESCRIPTION

CONTENTS: ERTMS - STANDARDS AND LEGISLATION - SYSTEM DESCRIPTION

LECTURER: LES GRANFIELD, SENIOR TECHNICAL TRAINER, WRAY CASTLE

LESSON 1.2 [1 hour]

TITLE: ERTMS – SYSTEM ARCHITECTURE

CONTENTS: ETCS, GSM-R, RBC, ON-BOARD AND TRACKSIDE EQUIPMENT, INTERLOCKING

Lecturer: Fabio Senesi, Head of Rome Section of CIFI and author of many books on ERTMS

LESSON 1.3 [2 hours]

TITLE: ERA REGISTERS AND PROCEDURES OSS

CONTENTS: DESCRIPTION AND USE OF THE TOOLS THAT SIMPLIFY PROCESSES AND IMPROVE COMMUNICATION BETWEEN APPLICANTS, NSAs AND ERA

Lecturer: Giorgio Bonafè, Expert in ERTMS, RST, on-board and trackside integration

LESSON 2.1 [1 hour]

TITLE: CONSTRUCTION NORMS AND RAMS-THR-SIL REQUIREMENTS

CONTENTS: IEC NORMS

LECTURER: DANIELE BOZZOLO, CHAIR OF THE WORLDWIDE STANDARDISATION COMMITTEE IEC TC9 (ELECTRICAL EQUIPMENT AND SYSTEMS FOR RAILWAYS)

LESSON 2.2 [3 hours]

TITLE: CENELEC NORMS

CONTENTS: EN 50126, EN 50129, EN 50159, EN 50716

LECTURERS: ANTONIO ORAZZO, PRESIDENT OF CENELEC TECHNICAL COMMITTEE CLC/TC 9X

ROBERTO SEMPRINI, CONVENOR OF CENELEC WG21, IN CHARGE OF EN 50126 MAINTENANCE

ATTILIO CIANCABILLA, CONVENOR OF CENELEC WGA15, IN CHARGE OF EN 50129
MAINTENANCE

ANDREA PALERMO, CONVENOR OF CENELEC WG28, IN CHARGE OF EN 50716 MAINTENANCE

LESSON 3.1 [2 hours]

TITLE: TECHNICAL STANDARDS

CONTENTS: REGULATION EU 2023/1695 (CCS TSI): ESSENTIAL PARAMETERS, BASIC PARAMETERS,
INTEROPERABILITY CONSTITUENTS, TESTING COMPLIANCE STRATEGIES, TRANSITION REGIME.

LECTURERS: PATRICK OZELLO, PROJECT MANAGER AND LEAD INSPECTOR, CERTIFER GROUP

DIEGO MAZZINI, CEO CERTIFER ITALIA

LESSON 3.2 [2 hours]

TITLE: TECHNICAL STANDARDS

CONTENTS: GUIDE FOR THE APPLICATION OF THE CCS TSI

LECTURERS: PATRICK OZELLO, PROJECT MANAGER AND LEAD INSPECTOR, CERTIFER GROUP

DIEGO MAZZINI, CEO CERTIFER ITALIA

LESSON 4.1 [2 hours]

TITLE: TECHNICAL STANDARDS

CONTENTS: ETCS SPECIFICATIONS: BASELINES, SYSTEM VERSION MANAGEMENT, CHANGE CONTROL
MANAGEMENT, INTEGRATION ON BOARD CLASS A/B.

LECTURER: STEFANO GERACI, CEO PRO ERTMS

LESSON 4.2 [0.5 hour]

TITLE: TSI COMPLIANCE ASSESSMENT

CONTENTS: ON-BOARD TESTING – PART 1: THE POINT OF VIEW OF A RAILWAY ENTERPRISE (INFRASTRUCTURE
MANAGERS AND RAILWAY UNDERTAKINGS)

“ERTMS Certification & Authorisation (Part ETCS)” - course

e-mail: segreteria.cifiservizi@cifi.it tel. +39.06.4742987

Lecturer: Giorgio Bonafè, Expert in ERTMS, RST, on-board and trackside integration

LESSON 4.2 [0.5 hour]

TITLE: TSI COMPLIANCE ASSESSMENT

CONTENTS: ON-BOARD TESTING – PART 1: THE POINT OF VIEW OF A MANUFACTURER

Lecturer: Emanuele Pascale, Development Manager, On-Board Platforms. Hitachi Rail

LESSON 4.3 [1 hour]

TITLE: TSI COMPLIANCE ASSESSMENT

CONTENTS: ON-BOARD TESTING – PART 2: THE POINT OF VIEW OF THE CERTIFICATION BODY

LECTURERS: LUCA MACCHI, HEAD OF RAILWAY INFRASTRUCTURE UNIT, RINA

MATTEO LAPOLLA, TEST ENGINEER AND SAFETY ASSESSOR, RINA

LESSON 5.1 [2 hours]

TITLE: TSI COMPLIANCE ASSESSMENT

CONTENTS: TRACKSIDE APPROVAL

LECTURER: JAIME PEREIRA, ERTMS EXPERT

LESSON 5.2 [2 hours]

TITLE: TSI COMPLIANCE ASSESSMENT

CONTENTS: ESC CHECKS, TYPES, STATEMENTS

LECTURER: JAIME PEREIRA, ERTMS EXPERT

LESSON 6.1 [2 hours]

TITLE: SAFETY ASSESSMENT

CONTENTS: REGULATION 402/2013, CSM AND RISK MANAGEMENT, ERA 1209/063, CLARIFICATION ON
SAFE INTEGRATION, ASSESSMENT BODY, MEANS OF COMPONENTS SAFETY CASE

LECTURER: ROBERTO SEMPRINI, CONVENOR OF CENELEC WG21, IN CHARGE OF EN 50126 MAINTENANCE

LESSON 6.2 [1 hour]

TITLE: INTEROPERABILITY CONSTITUENTS AND SUBSYSTEM CERTIFICATION

CONTENTS: NOBo FILES, DEBo FILES, DECISION 2010/713/EU, MODULES FOR CONFORMITY ASSESSMENT, REGULATION 2019/205, TEMPLATE FOR DECLARATIONS AND CERTIFICATES.

PART 1

LECTURERS: VINCENZO MANNI, RAILWAY CERTIFICATION SENIOR TECHNICAL MANAGER, RINA

LUCA MACCHI, HEAD OF RAILWAY INFRASTRUCTURE UNIT, RINA

ANDREA CRITELLI, CERTIFICATION TECHNICAL MANAGER, RINA

JACOPO BONGIORNO, NOBo/DEBo ASSESSOR, RINA

LESSON 6.3 [1 hour]

TITLE: INTEROPERABILITY CONSTITUENTS AND SUBSYSTEM CERTIFICATION

CONTENTS: NOBo FILES, DEBo FILES, DECISION 2010/713/EU, MODULES FOR CONFORMITY ASSESSMENT, REGULATION 2019/205, TEMPLATE FOR DECLARATIONS AND CERTIFICATES.

PART 2

LECTURER: SERGIO COLLETTI, IIS CERT – ISS GROUP

LESSON 7.1 [2 hours]

TITLE: GOIC AND CCS CERTIFICATION IN THE NORDIC CONTEST

CONTENTS: PROCEDURES AND RELATIONSHIP AMONG CLIENT (SJ), ASBo, NOBo FOR THE CERTIFICATION OF AN ERTMS/ETCS ON-BOARD SYSTEM

LECTURER: ALFONSO NARDO, SENIOR RAMS ENGINEER - Hitachi Rail

LESSON 7.2 [2 hours]

TITLE: TRACKSIDE AUTHORISATIONS

CONTENTS: NSA GUIDELINES

LECTURER: ROBERTO CALAMAI, ANSFISA

LESSON 8.1 [2 HOURS]

TITLE: ERTMS COMMISSIONING

CONTENTS: THE COMMISSIONING OF AN ERTMS LINE: ACTIVITIES OF AN INFRASTRUCTURE MANAGER

LECTURER: FABIO SENESI, HEAD OF ROME SECTION OF CIFI AND AUTHOR OF SEVERAL BOOKS ON ERTMS

LESSON 8.2 [1 HOUR]

TITLE: CASE STUDY: DENMARK

CONTENTS: ERTMS DEPLOYMENT IN DENMARK

LECTURER: FABIO STROLLO, ALSTOM GROUP

MADS SØNDERGAARD PETERSEN, DEPUTY PROJECT DIRECTOR FOR BANEDENMARK

LESSON 8.3 [1 HOUR]

TITLE: CASE STUDY: SWEDEN, DENMARK AND NORWAY

CONTENTS: CCO FOR X2K HITACHI SJ, NOBo, ASBo, DEBo FOR SWEDEN, DENMARK AND NORWAY

LECTURERS: ANDREA CRITELLI, CERTIFICATION TECHNICAL MANAGER, RINA

JACOPO BONGIORNO, NOBo/DEBo ASSESSOR, RINA

LESSON 9.1 [1 HOUR]

TITLE: CASE STUDY: THE NETHERLANDS AND POLAND

CONTENTS: STATE OF ERTMS DEPLOYMENT IN THE NETHERLANDS AND POLAND: IMPLEMENTATION, CHALLENGES, AND FUTURE OUTLOOK.

LECTURER: ARTUR WOLNICA, ERTMS CONSULTANT

LESSON 9.2 [1 HOUR]

TITLE: AN INSIGHT: MANAGEMENT AND DEMONSTRATION OF SYSTEM REQUIREMENTS AND ANOMALIES REPORT

CONTENTS: DEFINITION, CLASSIFICATION, TRACEABILITY AND VALIDATION OF SYSTEM REQUIREMENTS THROUGH THE SYSTEM LIFE CYCLE. DOCUMENTATION RELATED TO SYSTEM REQUIREMENTS MANAGEMENT AND THEIR HIERARCHY. REPORT AND MANAGEMENT OF ANOMALIES IN CASE OF NOT MET REQUIREMENTS, E.G. THROUGH CHANGE REQUESTS

LECTURER: ANNA MARIA STUFANO, ERTMS SENIOR SPECIALIST, AKKODIS

LESSON 9.3 [1 HOUR]

TITLE: CASE STUDY: CZECH REPUBLIC

CONTENTS: ERTMS TARGETS IN RELATION TO THE CZECH RIM NETWORK

LECTURER: MICHAL BAHENSKÝ, SPRÁVA ŽELEZNIC

EXTRA LESSON [1 HOUR]

TITLE: MOVING FROM 2G TO 5G; WHAT IS THE CHALLENGE OF FUTURE RAILWAY MOBILE COMMUNICATIONS SYSTEM (FRMCS)?

CONTENTS: AN INTRODUCTION TO FRMCS WHICH IS THE FUTURE SUCCESSOR TO GSM-R. BASED ON 2G TECHNOLOGY, GSM-R HAS BEEN SUCCESSFULLY USED AS THE RADIO COMMUNICATION SYSTEM FOR THE RAILWAYS FOR OVER 20 YEARS. HOWEVER, IT WILL BECOME OBSOLETE AROUND 2030, AND A NEW 5G BASED SYSTEM, FRMCS, WILL TAKE ITS PLACE. THIS LESSON EXPLORES THE CHALLENGES OF THIS TRANSITION

LECTURER: WRAY CASTLE

FINAL EXAM

THE FINAL EXAM IS NOT MANDATORY

EACH PARTICIPANT WILL RECEIVE A CERTIFICATE OF ATTENDANCE IF ATTENDING AT LEAST 90% OF TRAINING HOURS.

PARTICIPANTS WHO TAKE THE FINAL EXAM WILL RECEIVE A CERTIFICATE OF COMPLETION IF THE RATE OF CORRECT ANSWERS IS 70% OR HIGHER.

Training material

To promote the transmission of technical-professional knowledge and facilitate educational communication between teachers and students, CIFI provides students with training material.

The training material consists of presentations in electronic format produced by teachers. One or more files are produced for each lesson.

To access the training material, the Technical Secretariat will communicate an access password to students.

Cost of participation

In the course package, it is comprised:

- 35 hours of lessons in English
 - Alternatively, 35 hours of lessons in Italian
- 1 hour of extra lesson
- Training material
- Access to recorded lessons for one year
- Facultative final online exam
- Certificate of attendance (without participating in the final exam) or certificate of participation (with participating in the final exam)

The fee for participating in the course, for live videoconference or on-demand, is Euro 1.800 plus VAT.

How to register for the course

To register for the course, please fill out and sign the form below and send it by post, e-mail or deliver it in person to the addresses indicated on the form.

The form must be accompanied by the receipt of payment made or according to the payment conditions agreed upon by the administration department.

The payment and purchase order must be made to CIFI Servizi S.r.l.; the company details are at the bottom of the registration form.

For more information, you can contact the Secretariat at the e-mail segreteria.cifiservizi@cifi.it or at the number +39.06.4742987.

Registration form to be sent to segreteria.cifiservizi@cifi.it

Registration Form

ERTMS Certification & Authorisation (Part ETCS)

To return by e-mail at: segreteria.cifiservizi@cifi.it

Contact referee: (Name and Surname or Company name)

.....

Address:Country.....

Fiscal code or VAT:

Telephone: E-mail:

Registration code (if any).....

Personnel attending the course (if more personnel, write their surnames & names in notes):

Surname, name, fiscal code:

Surname, name, fiscal code:

Surname, name, fiscal code:

Surname, name, fiscal code:

Surname, name, fiscal code:

Translation language, if requested:.....

Participation: On-demand (registered)

Notes:

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In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorise the recipient of this document to use and process my personal details for the purpose of participating in the training course

Date **Signature**.....

CIFI Servizi Srl VAT: IT16522871009,
Address: Via G. Giolitti, 46 - 00185 Rome - Italy

Tel. +39.06.4742987 e-mail: segreteria.cifiservizi@cifi.it

Bank Account: SWIFT UNCRITM1704 IBAN IT06F0200805203000106390706 registered to CIFI Servizi Srl

Participation rules

CIFI has adopted the “Go To Webinar” © technology that allows you to participate in the course in direct videoconference mode via your PC, tablet or smartphone without having to install software.

To use Go To Webinar, you will need the following devices:

- Windows or Mac computer
- Internet connection
- Another device (telephone or tablet) if the simultaneous translation has been activated for your language

Most computers have built-in speakers, but you will get better audio quality if you use a headset.

Check if your system is compatible with GoToWebinar (check at the link https://support.goto.com/webinar/help#_browse-tree-title-installation--test-connection)