

GF Piping Systems

+GF+

Certifying your future

Global Academy



Are you ready to bring your team to the next level?

ooling,
water

Thank you for considering the GF Piping Systems Global Academy for your training requirements

As the world rapidly evolves, so does the nature of work and jobs, especially in the world of construction and engineering. The need for improved project performance and heightened health and safety means that accelerating better execution and success of construction projects can only come from investing in areas that can deliver improvements such as enhancing the skills of the project workforce.

With numbers of skilled workers in sharp decline around the world, more experienced installers moving into retirement, and young prospects lacking incentives for the construction industry, training is now crucial for successful projects. How to properly install, maintain and exchange piping systems is key to ensuring a plant, the surrounding infrastructure, or a building

can operate smoothly. The time pressure on construction sites means installers have to work quickly – in this situation, every step needs to be well-rehearsed and workers have to know how to handle materials – whether they are made of traditional metals or more advanced plastic systems.

Inaccurate, hasty installation can have considerable implications, ranging from leaks to bursts, to total system failure. As a result, manufacturers could be forced to interrupt production, businesses may need to close, and basic needs in domestic infrastructure are jeopardized. Ultimately, this means companies take financial losses, people's health is endangered, and everyday life is destabilized.

Investing in training, certification, and the use of technology to aid your team's development will help your current workforce increase on-site competence and skills, improve safety and provide long-term efficiencies.



GF Piping System's Global Academy offers comprehensive, in-depth training programs to meet the most demanding needs of your workforce. Combining our strong network of expert hands-on trainers with modern digital and extended reality learning experiences, we offer tailored training solutions for any project.

GF Piping Systems has been pioneering cutting-edge professional skills training throughout its lifetime. As the global leader in piping systems for many industries, we not only provide the widest portfolio in piping solutions and joining technologies but also the domain expertise to help ensure your workforce is operationally safe.

Our experienced trainers are available worldwide and their methodology is continually checked and updated. We are pioneering digital solutions to improve the learning process, using extended reality (XR) and other technologies to transfer knowledge in the most effective and sustainable way.

Global Technical Training team:



Tara Von Arx



Juergen Harsh

Before you apply

Benefits at a glance

At GF Piping Systems, we offer training on-site at our own Training Centers worldwide, locally at your plant or construction site, or online, enriched with extended reality solutions.

We help you to increase the skill level and knowledge of your employees through training assessment programs including competence development, custom learning journeys, and coaching services.



+ What is the Global Academy experience?

At the GF Piping Systems Global Academy we offer training on-site or construction site, or via our learning platforms complemented with extended reality. We help you to increase the skill level and knowledge of your employees through training certification programs including competence development, custom learning journeys and coaching services.

+ Learning where you need it

Wherever you are, we come to you. We have training sites worldwide as well as online training. Our experts are at your side wherever you are and conduct hands-on training sessions in the various fusion and jointing methods on site. The training duration and program depend on the actual project and the system to be installed.

+ Future-focused accreditation

Combining in-demand skills with the highest quality equipment provides contractors with a competitive edge when competing for tenders. Our Global Academy provides numerous learning journeys, including bespoke options for your projects, each of which brings together our know-how and expertise alongside the most relevant products and technologies related to the course.

Many of our professional certifications follow a hybrid-learning approach: Foundational and theoretical training through engaging and accessible online learning, followed by specialized and practical hands-on training. Today we can achieve this by using a blended approach. Combining digital, theoretical, extended reality-based, and face-to-face learning according to your own requirements.



+ Practical training and theory

Clearly designed and structured training courses ensure that participants with varying levels of experience receive the knowledge transfer required to maintain the highest installation standards and quality.

+ A global network of training centers

Practice makes perfect: Experience is one of the most decisive factors for the success of an application, and there is no substitution for it during the installation. Visit one of our training centers near you or get up to speed with an online training offer.

+ GF Piping Systems Global Academy Certified

Participants who complete one of our training programs with certification receive an official GF Piping Systems course accreditation. We verify that the knowledge transferred in every course is the same worldwide and up to date with our latest products and innovations.

From learning to execution

From learning to execution

Specialized training for all jointing technologies available in the market

We realize the importance of providing product and tools training to ensure our customers have the confidence to safely install them in whichever location they are required. After completing a professional training program, you will receive an official Global Academy certificate. Take a look at a few examples of certification training programs the Global Academy currently offers.

Electrofusion

Electrofusion is a simple method of joining PE pipes when butt welding is not practical, e.g. when valves, bends and tees need to be added. The effectiveness of electrofusion depends on careful preparation of the joint surfaces and satisfactory contact of the surfaces to be welded during the welding and cooling cycles. When properly executed, the resulting joint will be as strong as the original pipe and will withstand all stresses during installation and operation. The GF Piping Systems Global Academy training courses using GF Piping Systems electrofusion machines provide the necessary skills to enable high-quality welded joints.

Mechanical Jointing

Mechanical assembly requires the use of fittings, generally using the compression principle, to join different materials together. It is most often used to join pipes or fittings made of a different material, or in cases where fusion or bonding is not possible. The GF Piping Systems Global Academy training courses provide the necessary skills to enable high-quality mechanical joints.

Butt fusion

Butt welding is a sensitive process. Therefore, all welding parameters must be coordinated to produce a homogeneous joint with consistently high welding quality.

GF Piping Systems Global Academy training with GF Piping Systems butt fusion machines provide the necessary skills to enable a high quality of the welded joints.

IR Welding

IR welding is characterized by non-contact melting of the components to be joined. This eliminates the possibility of contamination or adhesion of the pipe surfaces to the heating unit. Thanks to the minimal welding bead, there is a high flow rate in the welding zone and the free pipe cross-section is increased. The GF Piping Systems Global Academy training courses with GF Piping Systems IR welding machines provide the necessary skills to enable high-quality IR welded joints.

Solvent cementing

The bonding (solvent cementing) of plastics is very common in industrial practice. Selection of the appropriate adhesive for the bonding partners and the application situation, preparation of the bonding partners by roughening and cleaning, and the actual bonding process must be carefully thought out and executed for rational and successful bonding.

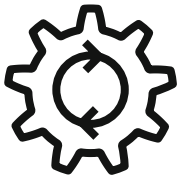
The GF Piping Systems Global Academy training courses with GF Piping Systems adhesives provide the necessary skills to enable high-quality bonded joints.



Get certified

Certifying your Future

**Quality knowledge directly from
the market's innovation leader**



**GF Piping Systems Global
Academy provides certified
learning solutions for engineering
and technical careers.**

Our Global Academy offers a wide range of training services including basic and advanced training courses as well as project-specific or customized programs.

Training services are available for engineering companies as well as end-users, and focus on the needs of operation and maintenance staff, service, and commissioning as well as application engineers. Our highly acclaimed trainers and first-class training facilities prove a unique opportunity for you to transform your competencies by face-to-face or remotely with our GF Piping Systems products and solutions.





- + **All valid certifications of each student are available when required in a secure platform under their user profile at GF Piping Systems' Global Academy**
- + **Companies in need of qualified installers can also use our platform to search for available workforce near to their projects**

Your partner for project execution

Take your skills and career to a new level and sign up for a course today - or request us to arrange a training service at your own location.

For some of the most prominent players in mission-critical industries (such as chip manufacturers or data center owners), GF Piping Systems has become a trusted partner in project execution. The reason behind is, that as an organization GF Piping Systems understands that complex construction projects require not only a proper alignment of all the teams involved at it (from design to operation), but also a streamlined level of knowledge about the special needs of the systems to be installed.

Therefore, the Global Academy comes to the market to ensure that the quality of our training programs is up to the highest standard. To back this up, each learner who completes one of our professional certification programs receives an official certificate that is recognized in the wider market.

Our training centers around the world

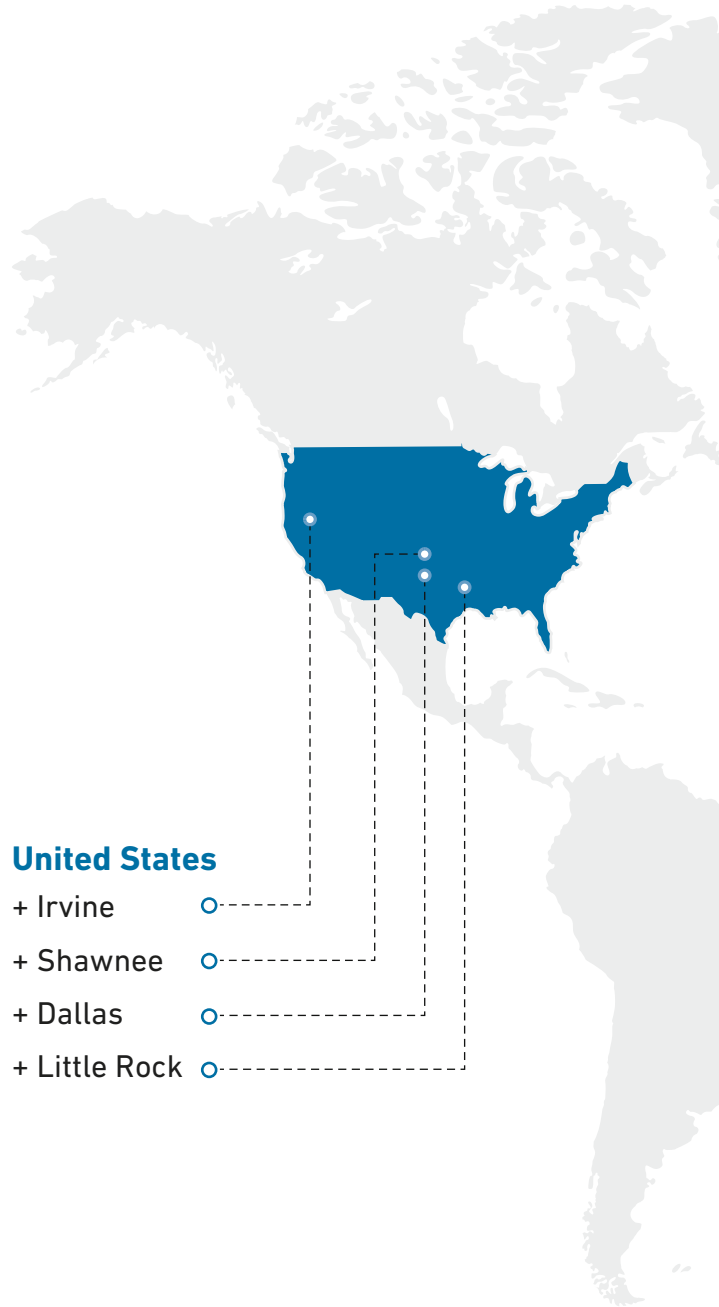
GF Piping Systems Global Academy courses provide your teams with the key skills for the installation of mission-critical piping system installations. We help prevent damage before it occurs, with well-trained and qualified installers. Your nearest Training Center is closer than you think.



GF Piping Systems
has more than
25 training locations
worldwide



GF Piping Systems
trains more than
20k people
every year



United States

+ Irvine



+ Shawnee



+ Dallas



+ Little Rock





How we're already helping to train the world



The Global Academy trains more than twenty thousand people every year around the world. Take a look at some of the many organizations where GF Piping Systems has already provided training that helped certify their future.

IFSB (Luxembourg)

The sectoral training institute for the building industry of Luxembourg relies on GF Piping Systems Global Academy to provide the plastic installations training of their educational programs for professional installers of water and gas networks.



City of Shawnee (United States)

GF Piping Systems Global Academy certified the utility crew members of the City of Shawnee on electrofusion installation. The City of Shawnee, Oklahoma has begun replacing existing water pipelines with our GF Central Plastics polyethylene products.



Kirby Group Engineering (Ireland)

Kirby Group Engineering, a leading mechanical and electrical engineering contractor operating across Europe, chose GF Piping Systems' technical training in butt fusion and electrofusion for their installers working on a significant data center project in Zurich.



Making training accessible and flexible to your needs

The best way to predict the future is to create it

We offer numerous online learning experiences via our learning ecosystem, including self-paced e-learning, webinars, and virtual instructor-led workshops. So, you have the choice of developing your skills at a time that suits you and attending courses remotely with a live session from home or the office.



Remote classroom courses

It is important to have direct contact with your trainer to solve questions and to check that the student is learning effectively, but it is not always possible to make these sessions face-to-face. Therefore we have set up several studios around the globe to broadcast the necessary live training sessions when the circumstances require it.



E-learning catalog

Our online e-learning catalog can be completed at your own pace and provides a solid foundation of knowledge and skills needed before attending hands-on training. This will help you get the most out of the hands-on component and provides a flexible and dynamic learning experience.



Webinars

GF Piping Systems Global Academy also offers hours of prerecorded sessions on demand on our platform. Stay up-to-date on current topics, new trends, and ongoing innovation - all brought to you by our network of experts around the globe.



Extended reality (XR)

XR applied in training extends a learner's reality by merging the real world with digital materials or fully simulated environments. Through it learners can practice completing complex tasks and interacting with 3D objects in a safe, risk-free environment. XR can be broken down into three immersive learning technologies: Augmented Reality, Mixed Reality, and the most common one, Virtual Reality.



Talk to an expert

You have received the most important information and technical details on our training offer in this brochure.

As an addition to that, you can always have a personal conversation with an expert from GF Piping Systems. It is all about your needs and supporting you in your daily business challenges. If you have not already done so, make an appointment today.

Find your local contact on the back cover of this brochure or visit our GF Piping Systems website, where you will find contact persons in your area. You will also find additional information on our products, including technical datasheets, operating instructions, relevant certificates and approvals.

More information at
www.gfps.com/global-academy

Local support around the world

Visit our webpage to get in touch with your local specialist:

www.gfps.com/our-locations



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