

40 years of expertise in laser safety and laser technologies, serving your most critical challenges.

Industrial Laser Process Specialist Technician

Discover our new work-study programme dedicated to laser processes: welding, micromachining, engraving and additive manufacturing!

Why choose this training course?

- Designed for and by industry: The programme was developed in close collaboration with industrial companies, ensuring a perfect match with market needs.
- Technical expertise: Our trainers are experts in industrial laser applications, ensuring training at the cutting edge of the latest innovations.
- Hands-on learning: You benefit from a comprehensive, practice-focused programme on laser processes, covering the fundamentals of lasers and the most advanced implementation techniques (welding, micromachining, ablation, additive manufacturing, safety...)

Practical information

DATES (WORK-STUDY)

On request

ORGANISATION

1 week per month at IREPA
LASER

DURATION

7 months (245 hours of
training)

PRICES

On request

TECHNICAL/TEACHING LEAD:

Teaching: Franck RIGOLET | Technical: Frédérique MACHI

DO YOU HAVE A DISABILITY?

Contact our disability officer at referent.handicap@irepa-laser.com

Key information

PREREQUISITES

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ACCESSIBLE LASER CLASSES

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CERTIFICATION

A training certificate is given to the candidate.

Upon full success in the examinations, a PRO-LASER Technician certificate will be awarded by LASER ACADEMY.

Upon partial success in the examinations, a PRO-LASER Operator certificate will be awarded by LASER ACADEMY.

TECHNICAL/TEACHING LEAD:

Teaching: Franck RIGOLET | Technical: Frédérique MACHI

TRAINERS

Laetitia SIERANT (resp. commerciale)

Training objectives

- Master industrial laser applications.
- Draw up a compliance and quality control plan.
- Be able to implement appropriate laser protection measures for the different phases of implementing a laser process.

Target audience

Candidates, selected and put forward by their company, must hold:

- Either a two-year higher education diploma (Bac+2) in a technological field (BTS CPI, IPM, DUT Mesure Physique...)
- Or a Bac professionnel (vocational baccalaureate) with 5 years' professional experience in a technical activity related to a laser application, even if the candidate did not operate the laser machine
- Or a professional title or vocational qualification certificate at an equivalent level

Programme

Over the entire course

- Formalising a technical project for implementing a laser process
- Mastering industrial laser processes
- Checking the quality and compliance of the work and parts produced
- First-level diagnosis and maintenance of a laser machine
- Ensuring the safety of people and their environment with regard to coherent optical radiation