

## Advanced vocational diploma in metal architecture: design and production

Martigues

 Formation éligible  
au CPF

 Formation réalisable  
en alternance

### The benefits of training

Success rate: 67% out of 3 people sitting the exam  
Satisfaction rate: 100%  
Recommendation rate by our former trainees: 100%  
Overall rate of integration into employment : 67%  
Rate of integration into the target profession: 67%  
Rate of further study: 0%  
Rate of breach of apprenticeship contracts concluded: 0%  
Added value of the establishment : Lycée Label des Métiers  
Our indicators can be consulted on the website : <https://www.inserjeunes.education.gouv.fr/diffusion/accueil>

## TRAINING

### OBJECTIVES

At the end of their training, under the responsibility and control of a line manager and in contact with the various people involved in the project, the senior technician will be able to :

- analyse the customer's needs or the expectations of a contract to design the preliminary project
- design in detail and in digital form, prepare and manage the manufacture of load-bearing structures in steel and aluminium, buildings, engineering structures and other projects in accordance with the rules of the trade and complying with the regulations and standards in force, as well as environmental data
- take into account the participation of each component and all the trades involved in the project.
- take into account the context of the site (soil quality, environment, etc.) and manage the quality of increasingly numerous and interdependent interfaces
- respond to growing societal demands to reduce the consumption of raw materials, as part of an eco-design approach
- prevent health and safety risks in the workplace.

### PROGRAMME

#### Skills block 1 -Analysis, prescription, design of a project

- Analysing the customer's needs and the project context
- Defining the characteristics of the work and designing the preliminary project
- Drafting the technical documents of the contract

#### Skill block 2 -Response to a project

- Analysing the consultation file and defining the scope of services
- Researching, selecting and costing the technical solutions for the project
- Drafting the overall commercial, technical and economic response

#### Skill block 3 -Detailed design and preparation for project completion

- Carrying out the detailed design of the structure, drawing up the execution file
- Preparing the completion of the structures in the workshop, their transport and delivery
- Preventing health and safety risks at work
- Having work carried out in the workshop, ensuring transport and delivery

#### Skill block 4 -Checking and validating part of a project

- Checking and then validating a design, a process, a realisation

Skills block 5 -**Leading a project in a professional environment**  
- Leading and monitoring the realisation of a project

Skills block -**General culture and expression**  
- Communicate effectively in everyday and professional life

Skills block -**English**  
- Oral and written comprehension and expression at level B2 (CEFR)

Skills block -**Mathematics**  
- Be informed, search, model, reason, argue, calculate, illustrate, implement a strategy, communicate

## VALIDATION

- Diploma from the Ministry of National Education and Youth Level 5 (BTS)  
+ d'informations sur cette certification (RNCP38218, libellé exact du diplôme, nom du certificateur, date d'enregistrement de la certification) en cliquant sur :  
<https://www.francecompetences.fr/recherche/rncp/38218/>

## WHO SHOULD ATTEND?

### AUDIENCE

All audiences

### PREREQUISITES

Bac technologique (STT) ou général ou professionnel ou niveau IV et 3 ans d'expérience professionnelle.  
And more specifically: BAC Professionnel Technicien en chaudronnerie industrielle et BAC PRO Ouvrage du bâtiment: métallerie, BAC STI2D.

## EDUCATIONAL ORGANISATION

### SESSION DATES

from 2 September 2024 to 30 June 2025 **DIVERS FINANCEMENTS**

**APPRENTICESHIP**

from 1 September 2025 to 30 June 2026 **DIVERS FINANCEMENTS**

**APPRENTICESHIP**

### DURATION

Maximum total duration of 3220 hours, including 1870 hours in a company and 1350 hours at the training centre.  
The duration of the course is indicative and will be determined according to your profile.

### WORKFORCE

6 people

## TEACHING METHODS, EQUIPMENT AND FOLLOW-UP

### Teaching method

- Fully classroom-based training

### Teaching methods

- Group lessons

## Equipment

- Equipped technical platforms
- Room equipped with networked computer workstations
- Unmarked room with video projector

## Monitoring and individualisation

Positioning prior to entry into training.

Interviews, remediation with the educational referent and/or company referent during training.

Taking into account beneficiary satisfaction during and at the end of training.

For beneficiaries with disabilities: possible adaptation of training and certification methods, support by the GRETA-CFA's TH referent.

In order to improve the quality of our service, you can send us your suggestions or complaints using the form available on our website.

Mixed-gender apprenticeship

## EXPERTISE OF PARTICIPANTS

Education Nationale certified teachers, Bac +3 trainers with significant experience in adult education, professional lecturers.

## ASSESSMENT AND CERTIFICATION PROCEDURES

In-course assessment (CCF)

Tests at the end of training (One-off assessment)

## FINANCING

### RATE

Hourly rate incl. VAT: euros 14.00

. This price is indicative and non-contractual. Depending on your status, this training can be fully financed. Contact us.

## FINANCING

### Session from 02 September 2024 to 30 June 2026

Training on a sandwich course (apprenticeship or professional training contract).

Training eligible for the CPF.

This training on a sandwich course (apprenticeship or professional training contract) can be fully financed. It is also open to other audiences and may be covered by other partners/funders. Please contact us for more information.

### Session from 01 September 2025 to 30 June 2027

Training on a sandwich course (apprenticeship or professional training contract).

Training eligible for the CPF.

This training on a sandwich course (apprenticeship or professional training contract) can be fully financed. It is also open to other audiences and may be covered by other partners/funders. Please contact us for more information.

## HOW DO I REGISTER?

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Applications on Parcoursup and/or contact us directly.

Positioning test by appointment.

Interview by appointment.

Depending on the funding body, training is available between 15 and 45 days before the start of the course. Please contact us for further information.

## AFTER THE COURSE

Insertion into private or public companies (VSEs, SMEs, large companies, government departments, technical services, local authorities, etc.) in positions as:

- Project managers,
- Draughtsmen and draughtswomen, modellers, calculators, designers,
- Quantity surveyors,
- Site managers;
- Works supervisors.

## AMENITIES

### Access for people with disabilities

Accessible to people with disabilities

### Transport

## PRACTICAL INFORMATION

### CONTACTS

Lisa ROUBIEU - Corporate Relations Officer  
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### PLACE OF TRAINING

Lycée des métiers Jean Lurcat | Bd des Rayettes | 13500 Martigues

### ORGANIZATION

#### GRETA-CFA Provence

Headquarters : Lycée Vauvenargues 13625 Aix en Provence

Public reception Monday to Friday from 09.00 to 12.00 and from 14.00 to 17.00

Business registration number : 9313P000113