

DURATION

2 years, i.e. 6 terms (5 in college and 1 spent on industry placement).

Learning is divided into modules which are grouped in 2 courses making up a total of 2000 hours.

ENTRY REQUIREMENTS

DIRECTLY, AFTER COMPLETING:

- Upper Secondary School.
- Vocational Training, Level 3.
- A University Degree.

VIA AN ENTRANCE TEST:

- Vocational Training Entrance Test.
- Entrance Test for adult learners (over 25).

VALIDATIONS

This course allows direct access to the university degrees within the same area. Specific access conditions for each degree must be carefully checked.

To facilitate the validation process, learning modules are structured into 120 ECTS credits.

FURTHER INFORMATION



5 Estocolmo St, Santiago de Compostela
15707 (A Coruña) SPAIN



+34881866685 / +34699101275



<http://www.edu.xunta.gal/centros/iesasfontinas/>



erasmus.fontinas@gmail.com



XUNTA
DE GALICIA



European Union
European Social Fund
Investing in jobs and skills

PROFESSIONAL TRAINING LEVEL 6 CIVIL WORKS

Department: Professional Building.

Europass level: EQF-5

International Standard Classification: CINE-5b

IES AS FONTIÑAS



Walk into your future!



In-person and remote learning.



Internships in leading companies.



Erasmus+ mobility opportunities.



Job bank service.



High employment rate.

SUBJECTS (MODULES)

YEAR 1:

- CONSTRUCTION STRUCTURES.
- CONSTRUCTION REPRESENTATIONS.
- CONSTRUCTION WORK SETTING OUT.
- URBANISM AND CIVIL WORKS.
- INSTALLATIONS AND SERVICES FOR CIVIL WORKS.
- PROFESSIONAL TRAINING AND GUIDANCE.

YEAR 2:

- TOPOGRAPHICAL SURVEYS.
- CONSTRUCTION MEASUREMENTS AND ASSESSMENTS.
- CONSTRUCTION PLANNING.
- DEVELOPMENT OF URBAN PROJECTS.
- DEVELOPMENT OF LINEAR PROJECTS.
- PROJECT ON CIVIL WORKS.
- BUSINESS AND ENTREPRENEURIAL INITIATIVE.
- WORK PLACEMENT.

SKILLS & KNOWLEDGE

- Documenting civil works and land use projects.
- Carrying out land surveying, civil works implementations and site managing.
- 2D and 3D planning.
- Writing reports.
- Pre-dimensioning structures.
- Path calculations
- Competition Certificates.
- Health and safety plans.
- Urban design.

THE PATH TO ...

- Design, architecture and engineering firms.
- Consulting companies.
- Real estate agencies and developers.
- Construction companies.
- Land use companies and companies in the natural resources exploitation sector.
- Civil Service.

SOME CAREER OPPORTUNITIES

- Civil works designer draughtsman.
- Fluid distributions and service network designer draughtsman.
- Assistant surveyor.
- Setting out specialist.
- Assistant planner.
- Assistant quantity surveyor.
- Documentary control technician.
- Modeller.
- Technical office assistant.
- Documentary check manager.
- Construction foreman.



SOFTWARE WE USE FOR...

DRAWING AND RENDERING

- AUTOCAD 2D e 3D
- SKETCHUP
- LUMION
- AUTOCAD ARCHITECTURE



STRUCTURES & INSTALLATIONS: CALCULATIONS AND ESTIMATES

- CYPE, CYPECAD MEP,
- ARQUÍMIDES,



SITE PLANNING AND MANAGING

- MSPROJECT
- URBICAD



GIS TECHNIQUES

- QGIS



DE TOPOGRAFÍA

- MDT

LINEAR INFRASTRUCTURE CONSTRUCTION

- AUTODESK CIVIL 3D

