

DURATION

The course lasts 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



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XUNTA
DE GALICIA



European Union
European Social Fund
Investing in jobs and skills

VOCATIONAL TRAINING LEVEL 6 PROFESSIONAL BUILDING

Department: **Professional Building.**

Europass level: EQF-5

International Standard Classification: CINE-5b

AS FONTIÑAS COLLEGE



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.
- Design and Building Construction.
- Installations in Construction.
- Professional Training and Guidance.

YEAR 2:

- Energy Efficiency in Construction.
- Construction measurements and assessments.
- Construction planning.
- Development of Residential Construction Projects.
- Development of Non-Residential Construction Projects
- Project on Construction.
- Business and Entrepreneurial Initiative.
- Work Placement

SKILLS & KNOWLEDGE

- Documenting building projects, carrying out work implementations and site managing.
- Drawing and developing plans using specific software.
- Calculation of Installations.
- Writing reports.
- Budgeting.
- Energy performance certifications.
- Pre-dimensioning structures.
- Health and safety plans.
- Construction planning.

THE PATH TO ...

- Design, architecture and engineering firms.
- Consulting companies.
- Real estate agencies and developers.
- Construction companies (whether of new buildings or conservation).
- Metallic construction and carpentry.
- Interior design companies.
- Civil Service.

SOME CAREER OPPORTUNITIES

- Designer draughtsman
- Assistant planner.
- Assistant Quantity Surveyor.
- Documentary control technician.
- Modeller.
- Technical Office Assistant.
- Energy performance certification technician.
- Construction foreman.



SOFTWARE WE USE FOR...

DRAWING AND RENDERING

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



STRUCTURES & INSTALLATIONS: CALCULATIONS AND ESTIMATES

- CYPE, CYPECAD MEP, ARQUÍMIDES,
- CHEQ4 (SOLAR THERMAL POWER)



SITE PLANNING AND MANAGING

- MSPROJECT
- URBICAD



ENERGY PERFORMANCE ANALYSIS AND CERTIFICATION

- HULC
- CERMA
- CE3X



TOPOGRAPHY

- MDT

