Project Management and Construction Supervision

General Objectives

Due to the increasing technical complexity of the works, which are part of any undertaking, the interdisciplinarity of the teams that execute, supervise and design is increasingly necessary.

The existence of a high number of Tax Technicians in the construction sector with basic training that did not provide them with essential specific knowledge to carry out their activity justifies the implementation of this course on management and supervision of public works in which technical skills will be developed. necessary for Project Management and Construction Supervision.

Specific Objectives

At the end of the course, trainees will be able to:

- Evaluate the Advantages and Benefits of Implementing a Project Management Methodology in the field of Work Inspection;
- Optimize Information Management and operationalize the Company's Strategy through Efficient Project Management;
- Define, structure and plan a Work Inspection Project;
- Execute and manage Work Inspection Projects.

Recipients

All professionals who need to develop and apply project management and supervision of works, namely: Engineers, Architects, Tax Technicians, Meters and Estimators, Companies Responsible; Construction Professionals.

Pre-requisites

The pre-requisites required to attend this course are:

- Have access to a compute or tablet with an internet connection and a browser (program for surfing the web), such as Chrome, Safari, Firefox or Internet Explorer;
- You can access the course from any computer (for example, at home and at the office), tablet or smartphone.

Workload

18 Hours

Program Content

Module 0 – Presentation of Platform and Usage Method

Module I - Operating notions - Definition, Organization, Leadership and Project Management Information Systems (Project Management)

- ➢ Definition of the Project Management concept;
- ➢ Functions, areas and objectives of the Project Manager (Project Manager);
- ➢ Definition of objectives (Project Charter);
- ➢ Organization and organization chart of project teams;
- ➢ Leadership styles applicable to project management;
- ➢ Information systems (Communication Management).

Module II - Planning, Budgeting and Control

- ➢ Planning: Process of decomposing the project (undertaking) into activities;
- ➢ Critical Path of activities (CPM – Critical Path Method);
- ➢ Selection of software and allocation of human and material resources;
- ➢ Cost Management: Preparation of the macro budget.

Module III - Project Development: Contracting, Negotiation, Project Control and Risk Control

- ➢ Hiring process from the tendering stage to the contracting stage;
- ➢ Negotiation process with observance of quality;
- ➢ Program, budget and quality control;
- ➢ Risks: Anticipation, control and resolution (decision tree);
- ➢ Preparation of reports/meeting minutes.

Module IV - Post-Completion Evaluation of the Project

- ➢ Case study;
- ➢ Evaluation of the lived experience and how to improve future projects;
- ➢ Final project result and after-sales perspectives;
- ➢ Preparation of the final report.

Methodology

This course will always happen with the trainer, who will be given face-to-face training through the platform.

The trainee can intervene together with the trainer or with the other trainees has he does in the classroom.

The presentations and exercises will always be made available by the trainer at the end of each training session.

At the end of the course, you will receive a Professional Training Certificate if you attend to 90% of the classes, carry out the proposed work and tests, participate in the online discussions and have a positive final evaluation.

This Training is Certified and Recognized.