

PLC Introductory Course

General Objectives

The objective of this learning event is to provide the technicians with knowledge of PLC processor working principles and basic programming instructions

Specific Objectives

At the end of training the trainees will be able to:

- Understand the distinction onsite/offsite operations in a complex;
- Learn about issues of custody transfer and terminal operations;
- Assess all elements of tank farm management storage needs, control, instruments, safety, environment, oil movement, scheduling;
- Grasp the refinery's crude oils and products blending operations;
- Analyze offsite automation projects planning, economics and strategic implementation.

Audience

Managers, technical and operating staff in the oil and gas industry interested and who want to improve their knowledge.

Prerequisites

The necessary prerequisites to attend this course are:

- Have access to a computer or tablet with an Internet connection and a browser (program to browse 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

40 Hours

Program Content

Module 0 – Presentation of Platform and Method of Use

Module I – Numeric Systems;

Module II – PLC hardware;

Module III – PLC software;

Module IV – Programming instructions.

Methodology

Methodology This course is always with the trainer, who will even give the face-to-face training through the platform.

The trainee can intervene together with the trainer or with the other trainees as 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 at least 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. was going