

## SYSTEMS TRAINING COURSES

### PIPE TRAINING

The training will have a total duration of 3 working days and will cover the main Piping modules. The manager area, with regard to database operations, will also be addressed although with relative depth adjusted to a more hands-on approach.

It will focus on modeling and interacting with ShipConstructor tools inside AutoCAD environment with the goal of introducing most commands and features and provide for workflows, procedures and best practices, while retaining the high adaptability of the software to adjust to new demands.

For this training, it is advisable that the users have already some acquaintance with some of the disciplines and basic AutoCAD usage.

The following disciplines will be covered:

<b>Discipline</b>	<b>Main topics</b>
Equipment	Define equipment, Project Equipment List, relationship and connections with structure and systems.
Piping	Create pipe drawings, apply different tools for routing, analyze different pipe parts and accessories, apply logical connections for line integrity, define systems and logical breakdown and assign product hierarchy.
Penetrations	Apply standards and different types of penetration, understand workflow from request to appliance, removing and revising penetrations.
Spool Drawings	Define spool breaks; edit spool definition, merging spools, conditions for auto spool break, naming convention and creation of spool drawings
Manager	Main data base definitions for previous disciplines. Create new equipment, pipe and HVAC stocks, penetration standards, line mode icons for isometrics, support definitions.