

PLUMBING SYSTEM

Course Description

Plumbing Is One OF the Major Trades In the Contracting World and the Plumbing System Is Related To All the Systems Which Deal With Fluids Inside Piping Like the Domestic Water & Drainage & Medical Gases & Oil Lines .

Course Objectives

Objective of the course is to make the engineer is able to do completely design of plumbing project with its Different Types & Various Systems Applying all the Codes Requirements Like (UPC , ASPE , NPC , Local Codes ,

Course Duration

3 days, 6hours/day (from 9:00am to 3:00 pm).

Course Outline:

1. Plumbing system components & definitions
2. Cold & hot water network Design
3. Hot Water Return Design
4. Pump Head & Flow Design
5. Water Tank Design
6. Central Water Heating System Design.
7. Swimming Pool & Fountains Design.
8. Medical Gaseous System Design.

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9. Different Drainage System Design for Waste & Vent Network.
 10. Rain Water Pipe Design.
 11. Submersible Pumps Design & Selection
 12. Sump Pit Sizing