

Engineering Fundamentals of Piping & Pipelines



February 29th to March 21st
2020

Weekend & Evenings
Three Weeks

COURSE OBJECTIVE

Upon completion of the course, participant should acquire good knowledge on design, construction and inspection of piping systems, which include process plant piping as well pipeline. The course provides emphasis on understanding the ASME Codes (B 31.3, 31.4, 31.8 & 16.5).

Muhsen AlSannaa

The instructor is an experienced piping & pipelines consultant with over **35** years solving various field problems in his area of expertise, reviewing design projects, performing piping stress analysis. He has developed standards, research concepts & SOW. He was a leader for engineers & designers.

Course Outline

- ~ Applicable Codes & Standards
- ~ Material Selection for Piping
- ~ Manufacturing of Line Pipe
- ~ Pipe Wall Thickness Calculations
- ~ Flanges-Gaskets Types & Selection
- ~ Valves Types & Control Valves
- ~ Plant Piping Layout
- ~ Construction of Process Piping
- ~ Inspection and Pressure Testing
- ~ Pipeline Design and Construction
- ~ Hot Tapping for Piping and Pipeline
- ~ Typical Field Problems in Piping
- ~ Piping Vibration Types

CONTACT INFORMATION

Hosam Abbas, Training Manager
Computer & Software Training Center
Dammam, KSA
Telephone +9661381447471 Ext. 222
Mobile: +966 558833033
WhatsApp +966 500129167
Email: training@compusoftme.com



WHO SHOULD ATTEND

- Mechanical Engr. (Fresh graduate)
- Piping Design Engineers.
- Inspection Engineers & Technician
- Process Engineers.
- Project Engineers.
- Operation Engineers.
- Piping Designers.
- Engineers of Petrochemicals & O&G.

Day	Week 1	Week 2	Week 3
Saturday 8:30 AM to 4:30 PM	Feb -29	Mar - 7	Mar - 14 & 21
Monday 6:00 to 8:45 PM	Mar - 2	Mar - 9	Mar - 16
Tuesday 6:00 to 8:45 PM	Mar - 3	Mar - 10	Mar - 17
Wednesday 6:00 to 8:45 PM	Mar - 4	Mar - 11	Mar - 18

Nominal Fee

SR 4200 per person

Location

Compusoft Training Center - Dammam معتمدة من المؤسسة العامة للتدريب التقني والمهني