PD581
B31.3 Process Piping Design, Materials, Fabrication, Examination & Testing Combo Course

Day One
Morning
I. History of Codes
II. Definitions
III. Considerations of Design

Afternoon
IV. Pressure Design of Piping and Piping Components

Day 2
Morning
V. Continue Pressure Design of Piping and Piping Components

Afternoon
VI. Piping Flexibility Analysis

Day 3
Morning
VII. Piping Flexibility Analysis

Afternoon
VIII. Limitations of Piping and Piping Components
IX. Pipe Supports

Day 4
Morning
X. Pipe Supports

Afternoon
XI. Leak Testing
XII. Piping Failures and Their Causes

Day 5
Morning
XIII. Materials-Control and Selection
XIV. Metallurgy – Steels
XV. Fabrication of Piping Systems

Afternoon
XVI. Welding Qualifications
XVII. Inspection, Examination, & Testing

** Daily topics may be presented in a different order, based on instructors' judgment.*