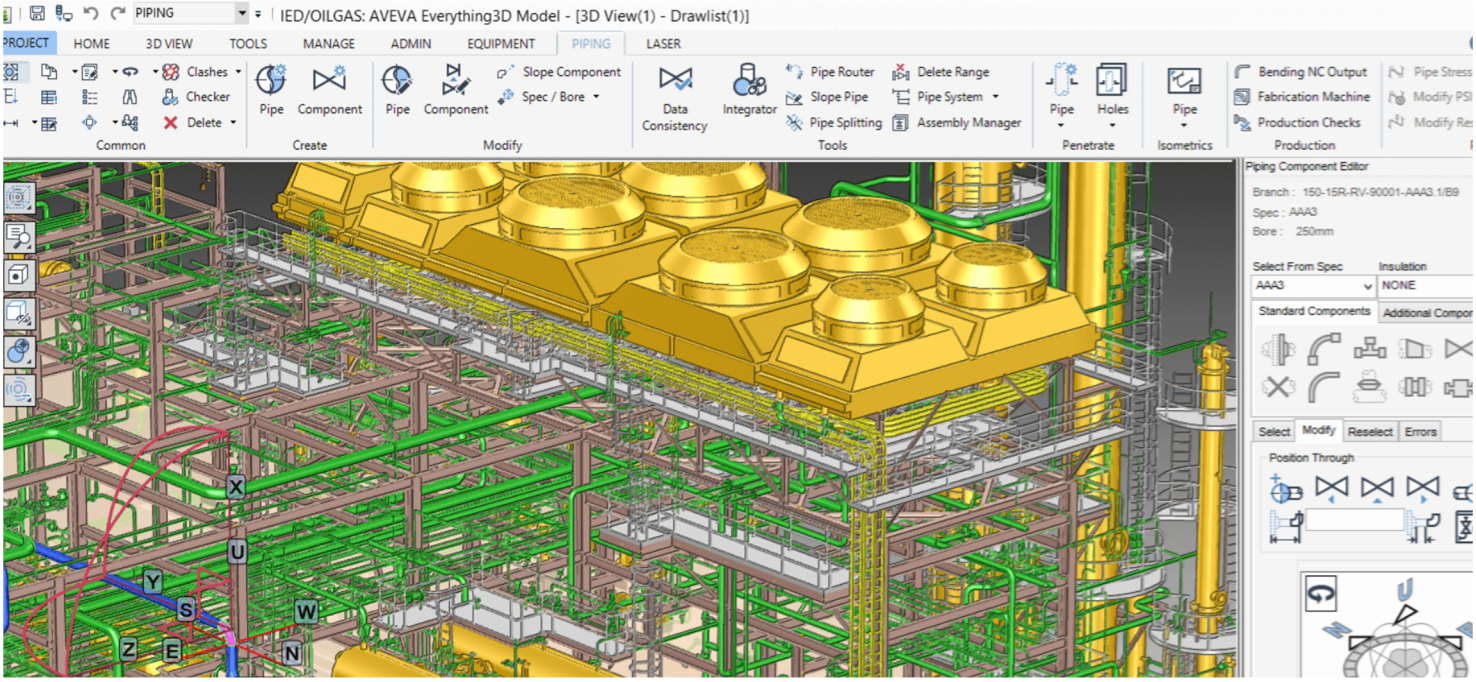
NARGAN
ACADEMY

PDMS 12.1 Design

CONTACT US: Nargan Academy 0905-592-5518 info@academy.nargan.com



WHY CHOOSE THIS TRAINING COURSE?

-This course covers the basic fundamental requirements for using this powerful software as a platform for 3D design of industrial plants from mini scale pilot plants to huge mega projects, and paves the path for advance trainings and specialization to get the most advantages of this software. A perfect step for all mechanical and process engineers in various fields of industry (oil and gas, power plants, mining, food and beverage, …) who want to have the best available tool in their hand.

WHAT ARE THE GOALS?

Participants should be able to model a sample 3D small plant and get the deliverable report and drawings from it.

WHO IS THIS TRAINING COURSE FOR?

Attendees should have the minimum skills of reading the industrial drawings (Equipment General Arrangement, Piping Layouts, Structural Drawings and Plot Plan) and have a basic understanding of the applicable codes and standards (Pipe, fitting, flanges, valves, structural sections, fixed and rotary equipment).

COURSE SYLLABUS (16 HOURS)

- Equipment
- Structure
- Pipework
- Isodraft & Report

Mohammad Hady Keya

- B.S. in Mechanical Facilities Engineering from Technical and Vocational University
- A.S. in Industrial Electrical Engineering from University of Applied Science and Technology
- More than 20 years of experience in Process Plants (on-shore & off-shore) and Power Plants' piping design in various CAD 3D design software and PDMS Administration
- Providing tailor-made courses for specific needs of various industrial companies and individuals
- Preparing 3rd party programs and macros for using in AutoCAD, MS Office and PDMS and linking them together to achieve the clients' required goals

THE COURSE **CONTENT**

Day One

- Introduction to software and its pros and cons, its various modules and their purposes, creating a sample project and adjust the required variables and settings
- Modeling simple structures

Day Two

- Creating Equipment from scratch, using both basic primitives and predefined templates

Day Three

- Designing sample piping routes and using Mode Editor tool to modify them

Day Four

- Creating piping deliverables (isometric drawing and material take off report)