



**OMESOL**

A Potential Hub To Deliver Dynamic Professionals

**OCTAGON**  
MANAGEMENT  
& ENGINEERING  
SOLUTIONS

[www.omesol.com](http://www.omesol.com)

# Advanced Process Design Engineering

Course Duration	30 Hours / 15 Days
Training Mode	On-line
Course Fee	600 USD

## Course Objectives

This course will help candidates to perform designing / sizing of various equipments according to industrial requirement and standards along with calculations.

This course will also develop the practical understanding to apply various simulation & modeling tools like Aspen Hysys, HTFS, EDR, HTRI, Korf, Pipesys, Flarenet, KG Tower.

## Key Features

- Concept Building
- Standards & Codes Understanding
- Hands On Calculations Experience
- Software Based Modeling

## Who Will Benefit ?

- Professionals
- Fresh graduates
- Students

## Course Detail

### Distillation Column

- Concept Building
- Design Criteria & Standards
- Hands On Designing Calculation
- Software Based Modeling (Aspen HYSYS / KG Tower)

### Flare System

- Concept Building
- Design Criteria & Standards
- Hands On Designing Calculation
- Software Based Modeling (Flarenet)

### Heat Exchanger

- Concept Building
- Design Criteria & Standards
- Hands On Designing Calculation
- Software Based Modeling (Aspen HYSYS / Aspen EDR/ HTFS / HTRI)

### Process Piping

- Concept Building
- Design Criteria & Standards
- Software Based Line Sizing & Hydraulics (Pipesys / Korf Hydraulics)

## Compressors

- Concept Building
- Selection Criteria & Standards
- Design Criteria

## Valves

- Concept Building
- Selection Criteria & Standards

## CAUSE & Effect Analysis

- C&E Fundamentals
- Case Studies

## Cooling Towers

- Concept Building
- Selection Criteria & Standards
- Design Criteria

## HAZOP

- HAZOP Fundamentals
- Case Studies

# How to Register

## for Courses

### *Step # 01*

Register online at

<http://www.omesol.com/student>

### *Step # 02*

Pay online

Click [Submit Fee Now](#)

You can pay by VISA, MASTERCARD, Paypal, Discover,  
American Express, Diners Club International, JCB.

For info: [admin@omesol.com](mailto:admin@omesol.com)

\*Course materials is free of cost

**FOR THE LATEST COURSE ANNOUNCEMENTS AND UPDATES, FOLLOW:** <https://www.facebook.com/omesolglobal>

# OMESOL Training Facilities

Global headquarters



## **Mobile Alabama – USA**

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