

Course Title: Crude Oil Processing & Emulsion Breaking Methods

Course Duration: 7 days

Who Should Attend: Processing Engineers, Chemical Engineers, Petroleum Engineers and Chemists.

Course Content:

- Introduction
- Production Fluid Separation
- Processes
- Design & Potential operation problems
- Emulsion Theory
 - Stabilization / Destabilization
 - De-emulsifier
- Oil Treatment Basics
 - Dehydration, Desalting
 - Water solubility
 - Stoke's Law Settling theory or gravity separation
 - Variables affecting crude oil dehydration
 - De-emulsifier requirements and selections
 - Electrostatic theory
- Treaters
- Dehydration performance factors
- Crude oil desalting
- Water Treatment
- Practical Training (Laboratory)

