



THE UNIVERSITY OF TRINIDAD AND TOBAGO

PROFESSIONAL EDUCATION UNIT (PEU) GLOBAL DEVELOPMENT SERIES CO2 SURFACE FACILITIES (PF-81)



OUTLINE:

This course emphasizes the effect of carbon dioxide on the selection and operation of equipment (separators, compressors, and dehydrators), as well as sweetening process equipment. This course, first introduced in 1985, assists those working with carbon dioxide or high carbon dioxide content natural gas. This course is particularly applicable to those persons who operate and/or design enhanced oil recovery (EOR) facilities using CO₂ as a miscible agent. Physical and thermodynamic property data for carbon dioxide/natural gas mixtures are discussed. Calculations are performed to illustrate principles and techniques.



YOU WILL LEARN:

- To evaluate the effect of CO₂ on physical/thermodynamic properties.
- To dehydrate high CO₂-content gases.
- The best practice to deal with Dense Phase pipelines, metering, flaring etc.
- How to pump and compress CO₂.
- About using purification processes: membranes, Ryan-Holmes, amines, hot carbonate, etc.



DESIGNED FOR:

Engineers and senior operating personnel involved with carbon dioxide / natural gas / CO₂ EOR systems.

NOTE:

Early registration is advised.

Total number is limited.

The University reserves the right to schedule courses based on subscription.

DURATION:

APRIL 26 - 28, 2010

Monday - Wednesday (8:00 am - 4:00 pm)

VENUE:

The University of Trinidad and Tobago
Pasea Campus,
Corner Churchill Roosevelt Highway & Pasea Main Road,
Tunapuna.

FEE:

USD\$3,100.00 inclusive of course material, lunch and refreshment.

CERTIFICATION:

Participants will be awarded a PetroSkills Certificate of Completion.

INSTRUCTOR:

PetroSkills Facilitator

PLEASE CONTACT:

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