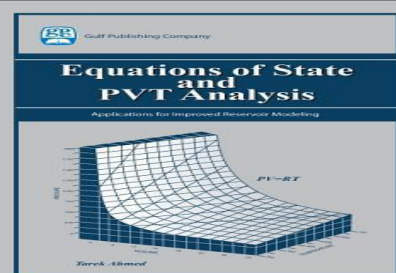
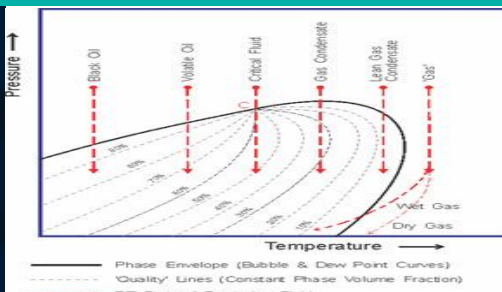
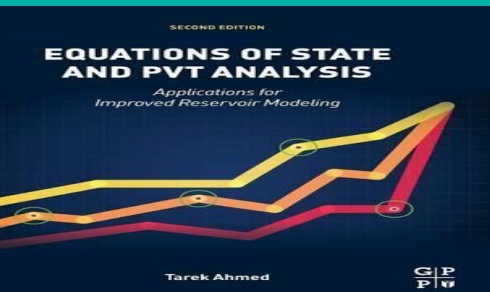




2-Day Short Course On

**EQUATIONS OF STATE & PVT ANALYSIS FOR
 HYDROCARBON PHASE BEHAVIOUR**



INTRODUCTION

The course is designed to provide the participant with various recent developments in the areas of PVT and EOS as related to compositional modeling and hydrocarbon phase behavior.

Participants will be introduced to various advanced methodologies to properly QC/QA PVT data; and therefore, they are encouraged to bring their own PVT data for practical applications and understanding of the these methodologies . The course will discuss the use and misuse of Equations of State and present the recommended approach of tuning the EOS

Participants will be provided with a comprehensive treatment of how to perform quality control and assurance on PVT laboratory data. The appropriate approach of tuning the EOS will also be discussed.

OBJECTIVES

Upon completion of this course, participants will be able to:

- QC/QA PVT Laboratory Data
- Understand the use and misuse of equations of state
- How to tune an EOS

COURSE CONTENT

No.	Topic	Sub-topics
1	Introduction to Phase Behavior	<ul style="list-style-type: none"> • Locating GOC • Difference between GCR and Condensate Gas Yield
2	QA/QC Laboratory PVT	<ul style="list-style-type: none"> • DE • CCE • CVD • Swelling Tests • MMP
3	Equations of State	<ul style="list-style-type: none"> • Misuse of EOS • Tuning of EOS

DATE: 15-16th August 2018

TIME: 9.00am - 5.00pm

VENUE: Level 16, Menara 2, Menara Kembar Bank Rakyat, Jalan Travers, 50470 Kuala Lumpur

COURSE TRAINER



Dr. Tarek Ahmed is the founder of Tarek Ahmed & Associates Ltd; a consulting firm specializes in providing high quality public and in-house Petroleum Engineering courses and consulting services to the petroleum industry worldwide. Dr. Ahmed is the former Chairman of the Petroleum Engineering Department at Montana Tech of the University of Montana for 22 years.

He was awarded the Rank of "Professor Emeritus" of Petroleum Engineering by Montana Tech. Dr. Ahmed has authored or co-authored numerous technical publications and several reservoir engineering textbooks. Several of Dr. Ahmed's textbooks have been translated into various languages including Russian, Persian, Chinese and currently completing a new textbook on Unconventional Reservoirs.

Dr. Ahmed is actively involved with SPE and has served as a representative of the society as a Petroleum Engineering Program Evaluator for several ABET program accreditation visits. He had held positions as a Senior Reservoir Engineering Advisor with Anadarko Petroleum, Baker Hughes, and Gaffney, Cline and Associates. Currently, Dr. Ahmed is providing in-house courses and consulting serves for several companies, including Saudi-Aramco, BG, Petro-Vietnam, PDO of Oman, MEDCO, VICQ, YPF and others.

Dr. Ahmed obtained his BSc in Petroleum Engineering from Faculty of Petroleum in Egypt. He earned his MSc from the University of Missouri-Rolla. He received his PhD in Petroleum Engineering from University of Oklahoma.

HOW TO APPLY

Email to cape@utp.edu.my for registration by 1st August 2018. Seats are limited. A seat will be confirmed once the payment / LOU is received. Confirmed participants will be informed via email.

WHO SHOULD ATTEND?

- Petroleum Engineer
- Chemical Engineer
- Engineer
- Junior Lecturer
- Executive

COURSE FEES

RM 3340 (Professionals)
10% Discount (UTP Alumni,
PETRONAS & Group Registration)
20% Discount (Student)

Course fee is inclusive of 0% GST.
Group registration is applicable for 3
pax and above from the same
company.

The fees include refreshments and
the course materials.

A certificate of attendance will be
issued upon successful completion
of the course.

CONTACT DETAILS

Course Coordinator:
AP. Dr. Khaled Elraies
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