

PVT Fundamentals

Fluid Phase Behavior & Basic Fluid Properties , 2-day

Course Goals

Why PVT? Because it has a major impact on practically every discipline in the petroleum domain. Petroleum engineers use PVT daily. Even E&P CEOs use and understand basic PVT such as "formation volume factor" and shrinkage. This course focuses on the key concepts related to phase behavior and PVT. In this course, we strive to keep things practical and relevant with as little advanced theory as possible.

Audience

Geologists and reservoir, production, facility and processing engineers. Also relevant for managers, government representatives or business unit team members exposed to PVT.

Course Outline & Topics

The course contains lectures with associated exercises. Over the 2 days, the following topics will be covered

- Petroleum Compounds & Fluids
- Reservoir Fluid Classification
- Fluid Sampling
- PVT Lab Analysis
- Lab Report Quality Checks (QC)
- Introduction to EOS Models
- Initial Fluids In-Place
- Black Oil PVT
- Black Oil Tables
- Separator Oil Shrinkage

Other topics can be covered upon request.

Lecturers

Consultants in [whitson](#)

Course Fee

12,500 USD net payable excluding all taxes for groups of 12-20 people. Travel and accommodation cost will come in addition.

Further Information or Inquiries

Please send an e-mail to carlsen@whitson.com.

