

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Core sampling and plug properties	4		2
Laboratory measurements of porosity, permeability, fluid saturation, capillary pressure and interfacial tension, Wettability	16		16
Reservoir fluid properties characterization	4		4
Laboratory PVT Study	4		4
PVT report and analysis	4		4

Teaching And Learning Methodologies :

Experiential Learning

Research

Discussion

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Assignment	5.00		
Final Exam	40.00		
Lab	10.00		
Mid-Term exam	30.00		
Quizzes	5.00		
Reports	10.00		

Course Notes :

Available plot files + handouts.

Recommended books :

1. Djebblu Tiab, and Erle G. Donalson, Petrophysics theory and practice of measuring Reservoir Rock and fluids transport properties, 2012.
2. Lecture notes on the course Available pdf files + handouts.
3. Recommended Readings: www.spe.org.

Periodicals :

www.corelab.com

Web Sites :

www.corelab.com