

Fall 2023

PTE 502 Advanced Reservoir Characterization

Dr. I. Ershaghi

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Date

Aug. 24	Skills in Subsurface Reservoir Characterizations
August 31	The Rock System and their Petrophysical Properties-
Sept. 7	Major World Depositional Systems
Sept. 14	Tools of Reservoir Characterization
Sept. 21	Depositional Environments and Facies Models
Sept. 28	Basin Modeling- Geophysical and Geochemical Methods
Oct. 5	Mid-Term Exam
Oct. 12	Fall Recess
Oct.19	Carbonate and Evaporite Systems
Oct. 26	Production Geology
Nov. 2	Rock Mechanics Aspects
Nov. 9	Flow Systems in Heterogeneous Rocks
Nov. 16	Unconventional Reservoirs
Nov. 23	Thanksgiving
Nov. 30	Project Presentation
Dec. 7	Final Exam
HW 20 Midterm 30 Project 10 Final 40	

References

Various papers will be shared.

Using USC Libraries, you will have access to several references.