

Fall 2022

PTE 502 Advanced Reservoir Characterization

Dr. I. Ershsaghi

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Date

Aug. 25

Skills in Subsurface Reservoir Characterizations

Sept. 1

The Rock System and their Petrophysical Properties-

Sept. 8

Major World Depositional Systems

Sept. 15

Tools of Reservoir Characterization

Sept. 22

Depositional Environments and Facies Models

Sept. 29

Basin Modeling- Geophysical and Geochemical M

Oct. 6

Mid Term Exam

Oct. 13

Fall Recess

Oct.20

Carbonate and Evaporite Systems

Oct. 27

Production Geology

Nov. 3

Rock Mechanics Aspects

Nov. 10

Flow Systems in Heterogeneous Rocks

Nov. 17

Unconventional Reservoirs

Nov. 24

Thanksgiving

Dec. 1

Project Presentation

Dec. 8

Final Exam

HW

20

Midterm

30

Project

10

Final

40

100%

History of the Earth