
Course: Subsurface geology and petroleum geology (326G)
Grade: 3rd level-Geology

Topics of Research Subjects

- 1) Subsurface Geology: definition, purposes, sources of subsurface geological data.
- 2) Mechanism and theories of petroleum migration.
- 3) Subsurface Geological maps: Structure contour map, Thickness maps
- 4) The physical and chemical properties of petroleum.
- 5) Facies maps and Cross sections
- 6) Evaluating source rock richness and quality.
- 7) Samples logging and Mud logging
- 8) Physical characteristics of reservoir rocks.
- 9) Rig types
- 10) Structural and stratigraphic hydrocarbon traps.

رئيس مجلس القسم

القائم بالتدريس

(أ.د/ علاء محمد سالم)

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