



Course Weekly Outline

Week No.	Theoretical	Experimental
1	Introduction – Stratigraphy & Sedimentology – Why Bother, Development Of Stratigraphy, Phases Of Study.	Lab 1: Introduction to Subsurface stratigraphic column in southern Iraq.
2	Sediments and sedimentary rocks.	Lab 2: Subsurface Cretaceous stratigraphic column in southern Iraq.
3	Stratigraphic Units.	Lab 3: The method of drawing the stratigraphic column.
4	Sedimentary Environments.	Lab 4: The method of drawing the stratigraphic correlation.
5	Stratigraphic Relationships	Lab 5: stratigraphic Maps.
6	Transgression & Regression.	Lab 6: The method of drawing the structural contour map.
7	Tectonostratigraphic.	Lab 7: The method of drawing the isothickness map.
8	Mid-term Exam	Lab 8: Stratigraphic software.
9	Sequence Stratigraphy	How to recognise rocks
10	Stratigraphic problem times and places.	How to recognise rocks
11	Tectonics and sedimentary basins.	How to recognise rocks
12	Basin analysis.	Hardness test for rocks
13	Petroleum System in Iraq.	Hardness test for rocks
14	Cretaceous Stratigraphic Column Southern Iraq.	Permeability test for soil
15	Engineering geology and foundation problems	Permeability test for soil