



#### d.General and Transferable Skills: :

1 -	Use the geologic structure knowledge and experience to specify a case study petroleum trapping/sealing type via report writing.
2 -	Identify structures via field trip to Abu Roash area.

#### Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Plate tectonic theory	3	2	1
Kinematic analysis	6	4	2
Joints	6	4	2
Extensional faults	9	6	3
Compressional faults	9	6	3
Shear faults	3	2	1
Folds	9	6	3

#### Teaching And Learning Methodologies :

Interactive lecturing and discussion
Structural problem-solving
Presentation/Research
Field trip

#### Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final exam	40.00		
Mid-Term exams	25.00		
Quizzes	20.00		
Report and assignments	15.00		