PET 220: Introductory General Geology (2 Units)

Department of Petroleum Engineering

Covenant University
1. PET220
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The nature and scope of geology  Elements of physical geology, Minerals of physical geology  
Minerals and rocks (classification properties and occurrence)  General petrology; Rock types  
identification and characteristics features  Occurrence, distribution, classification and use of major  
fossil groups  Geological time and history (Geological cycles)  Surface processes: weathering and  
soils, erosion and mass movement  Basic principles of stratigraphy  Introduction to environmental  
and economic geology  Plate tectonics.