



Petroleum Geology Fundamentals













Session One

SUBJECT AREA	Petroleum Geology		
TARGET AUDIENCE	This program is ideal for oil and gas industry personnel who wish to obtain a practical understanding of petroleum geology, the critical skills needed by a geologist and the practical techniques used by geologists to explore for and produce hydrocarbons.		
COMMITMENT	3-4 hours self-study and 1 hour online virtual mentored session per week for five continuous weeks.		
LEARNING FORMATS	e-Learning self-study, participation in online group discussion with virtual mentor		
MENTORS	 Dr. Charles Brankman  Mr. Piers Cooke-Yarborough		
LANGUAGE	e-Learning courses in English, Spanish and Portuguese		
ENROLLMENT FEE	PRICE (non-licensee) US \$1,000 per enrollee	PRICE (IHRDC licensee of IPIMS) US \$500 per enrollee	
DATES	September 10 – October 12, 2018		



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Program Content	
	 e-Learning  Virtual Mentored Learning
WEEK ONE	 Fundamentals of Petroleum Geology; Hydrocarbon Properties; Subsurface Environment  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK TWO	 Reservoirs, Hydrocarbon Generation and Migration; Traps  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK THREE	 Habitat of Hydrocarbons in Sedimentary Basins; Subsurface Facies Analysis  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK FOUR	 Structural Geology; Geologic Cross Sections  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK FIVE	 Subsurface Mapping; Basic Seismic Interpretation  Discussion of Major Topics; Response to Mentor Questions/Assignments