



# 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 US \$1,000 per enrollee* *A discount may apply if your organization is currently an IHRDC e-Learning licensee. If this is the case, please be sure to check the relevant box during Step 3 of the enrollment process.
DATES	September 10 – October 12, 2018

IHRDC



VIRTUAL MENTORED LEARNING



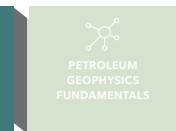
UPSTREAM  
PETROLEUM  
BUSINESS



MIDSTREAM  
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GEOPHYSICS  
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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