




Petroleum Geophysics Fundamentals

Session One

SUBJECT AREA	Petroleum Geophysics
TARGET AUDIENCE	This program is ideal for oil and gas industry personnel who wish to obtain a practical understanding of fundamentals of petroleum geophysics and the critical skills and practical techniques used by geophysicists.
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	 Mr. Dean Mento  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



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Program Content	
	<p> e-Learning</p> <p> Virtual Mentored Learning</p>
WEEK ONE	<p> Fundamentals of Petroleum Geology; Subsurface Mapping; Waveform to Geologic Model</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK TWO	<p> Signal Theory</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK THREE	<p> Seismic Pulse</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK FOUR	<p> Seismic Reflection</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK FIVE	<p> Basic Seismic Interpretation</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>