




# Petroleum Geophysics Fundamentals










## Session Two

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 (non-licensee) US \$1,000 per enrollee	PRICE (IHRDC licensee of IPIMS) US \$500 per enrollee	
DATES	October 29 – November 30, 2018		



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Program Content	
	 e-Learning  Virtual Mentored Learning
WEEK ONE	 Hydrocarbon Properties; Subsurface Environment; Reservoirs  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK TWO	 Petroleum Generation and Migration; Traps; Habitat of Hydrocarbons in Sedimentary Basins  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK THREE	 Introduction to Field Work  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK FOUR	 Basic Seismic Processing; Fault Interpretation  Discussion of Major Topics; Response to Mentor Questions/Assignments
WEEK FIVE	 Velocity Interpretation and Depth Conversion; Formation Evaluation Overview  Discussion of Major Topics; Response to Mentor Questions/Assignments

