

# Upstream Petroleum Business Fundamentals with Challenging Learning Simulation Game

SUBJECT AREA	Petroleum Business
TARGET AUDIENCE	Technical, commercial, and operations personnel who seek an in-depth understanding of the Upstream Sector of the petroleum industry: technology, economics, project development process, markets and how it contributes to the broader industry.
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, individual or competitive team participation in simulation game with virtual mentor
SIMULATION SCENARIO	Individuals/teams explore, develop and produce a challenging petroleum exploration opportunity through 20 years of production. Best performing team wins the Team Prize.
MENTORS	 Dr. David Donohue  Dr. Charles Brankman  Dr. Serdar Dogulu
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



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Program Content	
	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">      </div> <div> <p>e-Learning</p> <p>Virtual Mentored Learning</p> <p>Simulation Game</p> </div> </div>
WEEK ONE	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">    </div> <div style="margin-right: 10px;">  </div> <div> <p>Upstream Oil and Gas Agreements</p> <p>Introduction to Simulation Scenario; Select Concession or PSC Agreement</p> </div> </div>
WEEK TWO	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">    </div> <div style="margin-right: 10px;">  </div> <div> <p>Petroleum Geology and the Exploration Process</p> <p>Design and Interpret Seismic Surveys; Identify Prospects</p> </div> </div>
WEEK THREE	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">    </div> <div style="margin-right: 10px;">  </div> <div> <p>Drilling and Well Completions</p> <p>Drill Exploration and Appraisal Wells; Estimate Resources</p> </div> </div>
WEEK FOUR	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">    </div> <div style="margin-right: 10px;">  </div> <div> <p>Oilfield Development</p> <p>Field Development: Design Surface and Subsurface Facilities</p> </div> </div>
WEEK FIVE	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">    </div> <div style="margin-right: 10px;">  </div> <div> <p>Marketing and Trading of Crude Oil</p> <p>Select Crude Oil Marketing Options; Review Financial Results</p> </div> </div>