

# Midstream Petroleum Business Fundamentals with Challenging Learning Simulation Game

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| SUBJECT AREA        | Petroleum Business   |
| TARGET AUDIENCE     | Technical, commercial, and operations personnel who wish to obtain a better understanding of the Midstream Sector of the petroleum value chain and how it integrates into the larger oil and gas 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*<br>*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               | October 29 – November 30, 2018   |

IHRDC



VIRTUAL MENTORED LEARNING



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| Program Content |  |
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|                 | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> e-Learning</div> <div style="margin-bottom: 5px;"> Virtual Mentored Learning</div> <div style="margin-bottom: 5px;"> Simulation Game</div> </div>             |
| WEEK ONE        | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> Crude Oil Transportation</div> <div style="margin-bottom: 5px;">  Introduction to Simulation Scenario; Analyze Transportation Option</div> </div>             |
| WEEK TWO        | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> Gas Processing and Natural Gas Liquids</div> <div style="margin-bottom: 5px;">  Select Gas Processing Facilities</div> </div>                                 |
| WEEK THREE      | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> Refining and Product Specifications</div> <div style="margin-bottom: 5px;">  Analyze Crude Refining Opportunities</div> </div>                                |
| WEEK FOUR       | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> Overview of Petrochemicals</div> <div style="margin-bottom: 5px;">  Evaluate Petrochemicals Opportunities</div> </div>                                   |
| WEEK FIVE       | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;"> Marketing and Distribution of Petroleum Products</div> <div style="margin-bottom: 5px;">  Select Product Markets; Review Financial Results</div> </div> |