A World Hub for Energy Study

The University of Alberta is noteworthy in North America for offering a Master’s level designation in Natural Resources, Energy and Environment (NREE) Management. The University’s Engineering Faculty similarly houses Canada’s largest School of Petroleum and Mining Engineering. Our concentration in energy attracts research specialists, post-doctorate fellows and outstanding graduate students to Alberta from across the globe. We in turn draw upon the expertise at hand to develop customized short-term training opportunities for working petroleum executives. Instructors for our shorter-term programs are chosen for classroom coaching skills and for extensive personal experience in the energy sector. Since 2006, the Strategic Development of Oil and Gas Resources has been our flagship program, bringing group learning to life for petroleum executives internationally.

Oil and Gas at a Leading North American University

Alberta’s Edmonton-to-Calgary corridor is backbone to one of the world’s fastest growing petroleum regions. The University of Alberta plays a key role in generating fuel-based economic growth, technology innovation, and skilled workforce capacity for the region. Resident and visiting energy executives meet at its century-old campus for an array of after-degree or mid-career enhancement opportunities. The University of Alberta counts among the top 75 universities worldwide in such petroleum foundations as engineering, geoscience, economics or social science (ARWU 2013). Eighteen specialized centres for energy research are located here. The University’s School of Business is equally prominent in global rankings. The Financial Times placed it in its worldwide Top 100 graduate (MBA) schools in 2013. It was judged first in value for money and second for career placement in Canada this year. Our Executive MBA program has placed in the FT’s Top 40 since 2005; last year for example it ranked 36th in “aims achieved.” At the doctoral level, the School ranks among the Top 10 public universities for research (9) and in the Top 40 for PhD programs (35). Recognized faculty strengths are in energy and environmental management, accountancy theory, and professional service firm analysis.

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Strategic Development
of Oil and Gas Resources

Enhancing Energy Sector Management
in an International Setting

Edmonton and Calgary
Alberta, Canada
August 17 to 30, 2014
A Technology and Personal Training Experience for Energy Executives from around the Globe

At its core this program is a multi-disciplinary experience of using strategy to manage oil and gas technologies and resources. It is designed for middle- or higher-level firm executives, or for senior policy advisers in resource ministries. By participating in it, you will gain a stronger understanding of risk and uncertainty, and a greater appreciation for trends and challenges in the global petroleum sector. You will achieve this by taking up modern concepts in technology management, strategizing with them, shaping sound evaluations, and applying these in an exciting learning environment.

Session topics have applicable and ongoing importance across world regions. Course blocs link together different streams of industry technical application. Peer teams use case studies to develop team analyses and present recommendations to an invited cohort of petroleum sector respondents. The program introduces participants to leaders in petroleum E&P, gathering, and transport technologies.

Alberta itself features prominently as a region-wide training ground. Western Canada has world-class oil and gas plays in all stages of development. Proven reserves here are exceeded only by those of Saudi Arabia and Venezuela. An upsurge in heavy oil production and shale gas farming is spurring the development and testing of leading-edge geophysical and seismic applications. A host of new exploration and production approaches have been effected on the ground.

Program participants travel between key petroleum centres. The first week you will be in Edmonton, provincial capital and main campus site. Sessions here will include discussion with leaders in portfolios such as Energy, Natural Resources, and Environment. An optional overnight site visit will be provided to Fort McMurray, a world centre for heavy oil production and upgrading. In the program’s latter half, operations will shift to Calgary, where O&G and professional service firms are headquartered. Participants meet there to discuss trading and marketing with VPs from some of North America's leading oil and gas firms. A weekend excursion into the magnificent natural scenery of the Rocky Mountains also is included.

Planned Itinerary of Sessions

Week One  Edmonton and Fort McMurray
• Orientation and activities overview
• Global trends and effects on petroleum management
• Emerging issues and strategic consequences
• Oil and gas regulatory frameworks up close
• Strategic Management in today’s petroleum industry
• Business models for value capture
• Industry site visits
• Excursion to oil sands operations (Fort McMurray)

Week Two  Calgary and Rocky Mountains
• Unconventional gas and oil exploration and production
• Horizontal drilling and well completions
• Petroleum marketing and trading
• Ins and outs of international agreements
• Effective negotiating
• Supply chain strategies
• Visits to firm headquarters
• Group case study presentation
• Excursion to oil sands operations (Fort McMurray)

For more information on separate program sessions, instructors, site visits or excursions, please go to: www.business.ualberta.ca/Centres/cibs

Other Program Features

Included in this program’s cost and workings are:
• Advance orientation and pre-departure travel assistance
• All domestic transportation, including airport pick-up and drop-off, inter-city excursions and site visits, selected off-campus activities
• Weekend excursions to Fort McMurray, and to the Rocky Mountains
• Tours of cities visited in Alberta
• Meetings with invited oil and gas experts
• Company visits and petroleum knowledge centre tours
• Phased group case studies
• Roster of included social and professional activities
• Assistance to access local resource experts in petroleum or other energy fields
• Health and Emergency Medical Insurance coverage while in Canada
• Travel assistance in planning individual or small group side trips, before or after the program

Not included in program’s participation fees: lodging and meals.

Program Costs

Participation Fees
Cost for all courses, activities, and above features = $7,500 USD

Accommodation/Lodging Costs (not included in Participation Fees)
Total cost of accommodation for all nights of the program, in all locales (Edmonton, Fort McMurray, Rocky Mountains, Calgary):

Standard Suite, breakfasts included
Single-Occupancy Unit (1 bed in suite) = $2,500 USD
Double-Occupancy Unit (2 beds in suite) = $1,600 USD

Comfort Suite, breakfasts included
Single-Occupancy Unit (1 bed in suite) = $2,850 USD*
Double-Occupancy Unit (2 beds in suite) = $2,150 USD

*Please note that the number of single-occupancy comfort suites is limited.