

WHY UNIVERSITY OF ALBERTA?

The University of Alberta is noted for its energy focus. Its School of Petroleum and Mining Engineering is Canada's largest, and its Master's program in Natural Resource, Energy, and Environment (NREE) Management is globally recognized. Our emphasis on energy attracts oil and gas researchers, post-doc fellows, and talented grad students to Alberta from across the globe. We draw on locally available expertise, inside both the academy and industry, to lead specialized training opportunities for working petroleum managers at every stage of their career. Instructors in our certificate programs have proven coaching skills in the classroom, in addition to extensive personal energy sector experience. For over a decade, energy leadership, resource finance, and strategic development have served as active pillars for lively group learning by international cohorts in Alberta.

The Calgary-Edmonton corridor is backbone to one of the world's fastest growing petroleum regions. The University of Alberta plays a key role in fostering resource-based economic growth, technology innovation, and higher-skilled workforce capacity for the region. Eighteen specialized centres for energy research are located here. Energy professionals meet at its century-old campus for an array of after-degree or mid-career advancement opportunities.

In key rankings The University of Alberta counts among the top 100 universities worldwide, and in the leading 75 for engineering, science, economics or social science (ARWU 2017).

The province of Alberta is Canada's centre of the oil and gas industry. As the world's fourth largest producer of oil and gas, Alberta is a prime location for petroleum professionals interested in enhancing their energy strategy and finance savvy. With its high concentration of wells, Alberta leads non-conventional production technology, is situated close to the United States and is at the forefront of climate activism. Gain insight on best practices for energy leadership, resource financing and strategic development, all in light of the current price of oil, climate change, global portfolios and the 2008 financial crisis.



OPEN REGISTRY PROGRAM FOR PETROLEUM PROFESSIONALS

CONTACT US

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Register by May 1, 2019

uab.ca

PIPELINE STRATEGY & INTEGRITY

A 2-WEEK PROGRAM FOR ENHANCING PIPELINE MANAGEMENT

EDMONTON & CALGARY
ALBERTA, CANADA

SEPTEMBER 16-27, 2019

CAREER DEVELOPMENT EXPERIENCES FOR ENERGY PROFESSIONALS

This 2 week program is a multi-disciplinary experience designed for professionals in the oil and gas sector. The goal of this short course is to broaden understanding of the key technical, regulatory and economic relationships to build, measure and maintain safe operation of pipeline systems. Participants will enhance their acumen for strategic best practices to produce and transport oil and gas within legal, industrial and operational constraints.

Topics of sessions apply across world regions, and course blocs link different energy streams. Participants will use case studies to develop team analyses, complete with recommendations to invited petroleum sector respondents. The program engages participants with leaders in E&P, drilling, gathering system, and pipeline technologies.

Alberta itself features as a region-wide training ground. Western Canada's sedimentary basin has world-class oil and gas plays in all stages of development. Proven reserves are exceeded only by Saudi Arabia and Venezuela. Heavy oil and shale production have spurred development of leading-edge geophysical, seismic, drilling and production methods.

Week 1 | September 16-20, 2019 Pipeline Strategy

Edmonton

- Orientation and case study introductions
- Global trends and effects on petroleum management
- Emerging issues and strategic consequences
- Oil and gas regulatory frameworks up close
- Pipeline terminal management
- Managing the Oil & Gas Chain (Level 1)
- Petroleum project management
- Operations training via pipeline simulations
- Industry site visits

Mid-Program Trip | September 21-22

- Excursion to the Rocky Mountains (Jasper and Banff) or the Alberta Oilsands

Week 2 | September 23-27, 2019 Pipeline Integrity Management

Calgary

- Oil Sands 101
- Tolling, tariff and regulatory transportation concerns
- Energy marketing
- Pipeline management best practices
- Managing the Oil & Gas Chain (Level 2)
- Visits to firm headquarters
- Group case study presentation

* Topics subject to change

PROGRAM FEES

2-week program | \$9250 USD
per person

1-week program | \$5000 USD
per person

The program fee includes:

- Pre-departure orientation and travel assistance
- In-Canada transportation for airport pick-up and drop-off, industry visits, and pre-planned cultural tours
- Weekend excursion to the Rocky Mountains or the Alberta Oilsands
- Briefing by industry leaders
- Group case study presentation
- Networking and professional activities
- Catered lunch on program session days

Not included in the program fee:

- Accommodation in Edmonton and Calgary
- Evening meals and lunch on weekends

Early Bird Discount

Register by May 1, 2019 to receive \$500 USD off the program fee (per person)

Group Rate Discount

Register as a group of 3 or more to receive \$700 USD off the program fee (per person)

Accommodation

Participants can choose to arrange for their own accommodation or take advantage of the special group rates negotiated by our program organizers.

If you would like to reserve the special program rates, please email visituab@alberta.ca no later than **August 1, 2019** to book a room.

