EXECUTIVE CERTIFICATE IN ENERGY

TODAY, ENERGY REPRESENTS 8% OF WORLDWIDE GDP.

New technologies are changing the landscape and shifting the previously accepted dimensions of the energy industry. Meeting this anticipated demand in an economic and environmentally acceptable manner is a global challenge. And along the way, there will be myriad opportunities for individuals and companies to make their mark.

WORLDWIDE DEMAND FOR ENERGY IS EXPECTED TO GROW BY 53% IN THE NEXT 25 YEARS.

In response to the growth and change across this vast and complex industry, Fisher now offers an exceptional and focused learning experience. The Fisher Executive Certificate in Energy program integrates both the business and the technological aspects of the industry, along with a guided learning expedition to Canada to understand the business from the ground up.

INTRODUCTION, IMMERSION IN THE ENERGY INDUSTRY
MAY 6 AND JUNE 3, 2015

The program begins with an introduction and immersion into the industry. Going beyond the basics, we create a common perspective from which to explore the various dimensions of the industry and to understand the changes and opportunities that lie ahead. We review current worldwide demand and projected demand through 2035. We explore how coal, gas, nuclear and renewable energy are poised to meet this demand.

GUIDED LEARNING EXPEDITION
JUNE 20-27, 2015

Participants will continue their immersion into the energy industry with a week-long visit to the Oil Sands in Canada with stops in Calgary, Fort McMurray and Hardisty. They will see firsthand the technologies and operations in use, and they will interact directly with energy executives in order to better understand the structure and scale of the sector.

During both the in-class residency and the guided expedition, leading industry experts will share their perspectives on the future of energy and lead discussions on the challenges facing the industry. The speakers represent respected firms associated with the energy business, including TransCanada PipeLines Limited and Strategy& (formerly Booz & Company).

Executive Certificate in Energy

Topics include:
- Present, Future Global Energy Supply Chain
- Worldwide Demand
- Fracking
- Future Investment
- Oil and Gas Network
Five key topics will be explored over five days in class and on campus. This week-long session will examine energy across various dimensions to provide a deeper understanding of the industry today, along with an informed examination of what’s coming tomorrow. Taught by Fisher faculty and industry experts, this week will be energizing and enlightening.

**FIVE-DAY ON-CAMPUS SESSION IN COLUMBUS**

**THE BUSINESS OF UPSTREAM TECHNOLOGIES**  
Familiarizes students with technologies used in exploration and production.

**THE BUSINESS OF MIDSTREAM AND DOWNSTREAM TECHNOLOGIES**  
Covers the technologies pertaining to the delivery, distribution and conversion of oil and gas; as well as trading, marketing and sales issues.

**LEGAL AND REGULATORY ASPECTS OF ENERGY**  
Provides an essential overview of legal and regulatory issues pertaining to energy production, delivery, distribution and use.

**ECONOMICS OF ENERGY**  
Examines the economics of oil, natural gas and electricity. Covers issues and market structures that are unique to energy markets, including externalities and production decisions.

**ENERGY POLICY**  
Provides students with a basic understanding of energy policy issues and analysis.

In all, the Fisher Executive Certificate in Energy program provides the foundational knowledge and the broad perspectives to help participants truly comprehend the dynamics of the industry; leverage its global character; manage the complexity and interactions of its various dimensions; and help them to create and capture opportunities.

**PROGRAM AT A GLANCE**

| Introduction, Immersion in the Energy Industry | Class Sessions on-campus in Columbus | May 6, 2015 4 p.m. – 8 p.m.  
June 3, 2015 4 p.m. – 8 p.m. |
| Guided Learning Expedition | Week-long visit to oil sands and other locations in Alberta, Canada | June 20 – 27, 2015 |
| 360° Exploration of the Energy Industry | Five-day on-campus session in Columbus | July 27 – 31, 2015 |

**PRICING**

Fee for the full program is $10,000. This includes instructional fees; course materials; in-country logistics, meals and lodging; and in-program meals while on-campus. Individual air travel to and from Calgary, Alberta is not included in the program fee and is the responsibility of program participants.

**SPACE IS LIMITED – APPLY TODAY: GO.OSU.EDU/ENERGY2015**

Requirements for the program include a bachelor’s degree or equivalent, plus five years’ professional work experience, preferably in or related to the energy industry.

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