



Announcing. . .

Master of Business Administration (MBA)

Energy Leadership Track

The College of Business at Texas A & M University-Texarkana, in partnership with the American Association of Petroleum Geologists (AAPG), is offering its MBA with an Energy Leadership track. The program is available totally online and will accept students beginning in the Fall 2012 semester.

Launch Date: Fall 2012 Semester

Program Description

The MBA in Energy Leadership takes a global view and is designed to provide business change agents and leaders with the information necessary to make meaningful strategic decisions, build enterprises, and direct the development of support services in the energy industry. Courses in the program emphasize upstream (exploration and production) aspects of the industry, with some midstream and downstream (production, transportation, and refining) fundamentals.

Student Learning Outcomes

Upon successful completion of the program, students will be able to:

- Describe the factors necessary to make management, financial and economic decisions regarding energy exploration, production, supply, and finance.
- Discuss legal, environmental, and regulatory factors that have a significant impact on the energy industry.
- Evaluate existing or hypothetical companies and design a plan for the successful launch and management of a company that is engaged in petroleum exploration and production, the development of technologies, or the delivery of services.

Program Goals:

- Broaden the educational opportunities for students within the petroleum geology profession.
- Provide technical foundations and leadership skills to prepare professionals wishing to assume and succeed in management positions in energy-related enterprises.

Characteristics of the Program:

- 100% online
- Twelve course/36 semester credit hour program.
- Some A&M fees waived
- The program includes an AAPG online prerequisite course, “Leadership and Strategic Thinking in the Petroleum Industry”. A certificate and CEU’s will be awarded upon successful completion of the course. Tuition will be discounted for AAPG members.

- The program also includes three energy-related courses plus the MBA capstone course that will include energy industry related cases.
- GMAT is waived for students having an undergraduate degree with a 3.0 cumulative GPA. An alternative is to write a 5-page essay that discusses their background, goals, motivation to pursue the degree.

Organizations That May Benefit From The Employment Of Graduates Of The MBA-Energy Leadership Track

Integrated Energy Companies

- Small Exploration and Production Companies
- Energy / Petroleum Service Providers
- Investment Banking
- Securities Brokers
- Storage and Transportation
- Government and Regulators
- Service and Supply Companies
- Attorneys / Accountants
- Consulting Companies

**Degree Plan
MBA: Energy Leadership Track**

Course Prefixes and Names			SCH
ACCT	526	Accounting for Managers	3
ACCT	525	Administrative Controls	3
ECON	577	History of Economic Thought	3
ECON	576	Macroeconomic Theory & Policy	3
<i>FIN</i>	<i>531</i>	<i>Finance for Energy Professionals</i>	<i>3</i>
FIN	565	Managerial Finance	3
MGT	510	Leadership in Management	3
<i>MGT</i>	<i>531</i>	<i>Management Strategy in the Energy Industry</i>	<i>3</i>
<i>MGT</i>	<i>532</i>	<i>Risk Management in the Energy Industry</i>	<i>3</i>
MGT	540	International Business	3
MGT	594	Organizational Behavior	3
<i>MGT</i>	<i>527</i>	<i>Managerial Policy and Strategy (Capstone)</i>	<i>3</i>
TOTAL			36
Note: The four courses in <i>italics</i> comprise the energy-related component.			

Tuition and Fees
(Based Upon 2012-2013 Schedule)

3 Semester Credit Hours (SCH)	In-State*	Border State**	Non-Resident***
Tuition	\$536.10	\$626.10	\$1,529.10
Add'l Distance Education Fee	\$90.00	\$90.00	\$90.00
Fees	\$212.01	\$212.01	\$212.01
Fee Reductions for Online Courses****	(\$67.00)	(\$67.00)	(\$67.00)
Total Per Semester if a Student Takes One Course (3 SCH)	\$771.11	\$861.11	\$1,764.11
36 hour program	\$9,253.20	\$10,333.32	\$21,169.32

Explanations & Definitions:

Students are required to take a prerequisite AAPG online course: Leadership and Strategic Thinking in the Petroleum Industry (\$495 for non-members, \$395 for AAPG members, certificate to be awarded upon successful completion.

*In-State includes residents of Texas or adjoining counties/parishes of Texas state line and all of Arkansas and Oklahoma.

**Border state includes the contiguous 48 states; tuition plus \$30.00 per SCH.

***Non-Resident includes international students who may want fully online program at home.

Additional Distance Education Fee refers to \$30.00 per SCH for distance education/online courses.

****Fee Reductions refers to university-based fees for on campus students. A completed waiver request must be submitted to the Registrar prior to the 12th class day.

ENERGY-FOCUSED COURSES



AAPG Leadership and Strategic Thinking in the Oil & Gas Industry

To register: <http://www.aapg.org/education/online/details.cfm?ID=247>

Times of rapid technological innovation, financial turmoil, new plays and markets, distributed teams and workforces, difficult-to-control social media, shortages of technical expertise, and time pressures involved in achieving operational objectives have come together to create new challenges and opportunities for leadership. How the issues relate to the oil and gas business (exploration, development, oilfield services, support services, financial sector) constitutes the core of this course, along with ways to transform challenges into opportunities, and to develop effective strategic thinking.

Key Topics Covered in the Course

- Leadership theories: profiles, comparisons
- Management theories and application to oil and gas industry
- Creative problem-solving: internal, external, public presence
- Dealing with change
- Impact of technological innovation
- Dealing with a dynamic regulatory environment
- Environmental issues: operations, procedures, perception and reality
- Social network power & potential pitfalls
- Impact of social networking on organizational structure and integrity

- Diversity in the global context / distributed workplace
- Team-building across disciplines
- Dealing with “game-changers” (resource plays, new ways of structuring deals, capital from national oil companies, international partnerships)
- Key articles / thinkers / emergent ideas



Finance for Energy Professionals

This course provides a foundation for financial management with respect to renewable and non-renewable energy sources, and covers the management of energy processes and properties as well as the financial instruments and securities based on them.

Upon completion of this course, the students will be able to:

- Make critical capital budgeting decisions in a global environment in the energy industry
- Prepare capital budgets and determine cash flow
- Evaluate financing methods and their impact on company valuation
- Manage and hedge foreign exchange exposure.



Management Strategy in the Energy Industry

This course provides a functional knowledge of the importance, scope, elements, and process of developing management strategy in various areas of the energy industry. Companies that focus on discovery of new energy sources and related exploration, production, and distribution technologies in the areas of renewable and non-renewable energy will be included

Upon successful completion of this course, the student will be able to:

- Demonstrate a functional knowledge of the nature and scope of management planning,
- Apply a strategic planning model to prepare a strategic management plan including implementation and monitoring components.



Risk Management in the Energy Industry

This course addresses competing methodologies and approaches to calculating risk and reserves calculations for energy supply and market development. A primary focus is on understanding how they are used in U.S. Securities and Exchange reporting, regulatory compliance, mergers and acquisitions, valuations, divestitures, international joint ventures and partnerships, and global investments. How the calculations are used in decision-making and ethical / legal considerations are addressed. The course includes case studies that include international as well as U.S.-based operations.

Upon completion of this course, the student will be able to:

- Define, measure, and transfer risk in energy industry businesses.
- Apply the risk management process to a variety of risks including liability risk and financial risk.
- Apply the conceptual framework for analyzing risk and making related decisions in energy industry businesses.



Managerial Policy and Strategy

Managerial Policy and Strategy is the program capstone course that brings together theoretical and practical business-focused coursework and energy-related issues. It requires students to conduct in-depth studies and analysis of case studies that will be energy industry case studies for students in the Energy Leadership track. It requires the application and integration of principles from disciplines in business including accounting, finance, marketing, management, and economics in the solution of managerial problems and the development and implementation of corporate strategies in the changing environment of a dynamic energy industry. The course must be taken during the last semester of enrollment.

Upon successful completion of this course, the student will be able to:

- Demonstrate an understanding of the significance of policy and strategy to managers and their organizations and the ability to evaluate, formulate and implement strategies to guide the firm in facing and prospering in a dynamic environment.
- Develop and implement policy and business strategies for firms in the energy industry.
- Demonstrate an understanding of the interrelationships among subsystems in organizations and the problems managers have in avoiding sub systemization of the parts.
- In dealing with specific cases, students will be able to:

- Thoroughly and accurately evaluate case situations by identifying the core problems and/or issues and the financial position of the organization.
- Analyze facts to identify opportunities and threats to the environment and the strengths and weaknesses of the organization to appraise managerial behavior and/or prepare a situation audit useful in formulating, evaluating and implementing policies and strategies.
- Develop meaningful recommendations to the situations presented in the cases.

Program Contact Information

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