

# Graduate Certificate in Petroleum Management

or C&PE 624 Process Safety and Sustainability

**Total Hours** 16

Please be aware, some alternative courses listed here may be offered only online or at Edwards campus.

At the completion of this program, students will be able to:

- Apply the fundamentals of flow through pipelines and porous media to investigate problems related to strategic petroleum reserves and facilities.
- Apply the fundamentals of corrosion engineering to lower the corrosion and prevent major leakages and accidents due to corrosion.
- Apply fundamentals of process safety during their future responsibility with strategic petroleum assets.
- Prepare and present seminars about the history of the energy industry and the specific challenges it has faced.
- Work under supervision on research topics related to the current and future status of the energy industry, giving recommendations about how to lead the efforts and preparing a thesis based on that.

## Graduate Certificate Overview

The engineering petroleum management certificate program is offered to currently enrolled KU graduate students in the School of Business MBA program. Completion of the program awards a certificate for academic accomplishment in the Petroleum Management area.

## Standard Admission Requirements for all Graduate Programs

- All applicants must meet the requirements outlined in the Admission to Graduate Study (<https://policy.ku.edu/graduate-studies/admission-to-graduate-study/>) policy.
- Bachelor's degree: A copy of official transcripts showing proof of a bachelor's degree (and any post-bachelor's coursework or degrees) from a regionally accredited institution, or a foreign university with equivalent bachelor's degree requirements is required.
- English proficiency: Proof of English proficiency (<https://gradapply.ku.edu/english-requirements/>) for non-native or non-native-like English speakers is required. There are two bands of English proficiency, including Admission and Full proficiency. For applicants to online programs, Full proficiency is required.

## Additional Program Admission Requirements

Applicants must have been admitted to the School of Business MBA program and are on currently enrolled student status. To be considered for admission, an online admission application is required.

Enrollment is concurrent after admission is offered.

## Certificate Requirements

Total Engineering Required Credit Hours:16

**At least 50% of the coursework taken to fulfill the certificate requirements must be 700 level or above.**

Code	Title	Hours
C&PE 511	Momentum Transfer (or)	3
or AE 700	Special Topics: _____	
or ME 510	Fluid Mechanics	
C&PE 618	Improved Oil Recovery (or)	3
or C&PE 795	Enhanced Petroleum Recovery	
or C&PE 640	Natural Gas Engineering	
or BSAN 745	Unstructured Data Analysis	
C&PE 765	Corrosion Engineering	3
C&PE 804	Petroleum Management Seminar	1
C&PE 825	Graduate Problems in Chemical and Petroleum Engineering	3
EVRN 721	Environmental Regulation and Policy (or)	3
or EMGT 850	Environmental Issues for Engineering Managers	