

WHERE COULD YOU WORK?



CHEMICAL AND NATURAL GAS ENGINEERING

REFINERY & PETROCHEMICAL

- BASF
- BP
- Celanese
- Chemours
- Citgo Refining
- Dow Chemical
- Exxon Mobil
- Flint Hills
- LyondellBasell Industries
- Shell
- Valero

MIDSTREAM OIL & GAS

- Cheniere
- Energy Transfer
- Epic Midstream
- Howard Energy

UPSTREAM OIL & GAS

- C&J Energy Services
- Fesco
- Halliburton
- National Oilwell Varco
- Schlumberger
- Ulterra Drilling Technologies

SPECIALTY CHEMICALS

- CEMEX
- HEB
- Intel
- Nalco Champion
- Taiwan Semiconductor
- Tesla



CONTACT INFO:



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FRANK H. DOTTERWEICH
COLLEGE OF ENGINEERING



**CHEMICAL ENGINEERING
AND NATURAL GAS
ENGINEERING**

THE WAYNE H. KING DEPARTMENT OF
CHEMICAL AND NATURAL GAS ENGINEERING
TEXAS A&M UNIVERSITY-KINGSVILLE®



Texas A&M University-Kingsville is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097; telephone 404-679-4501) to award bachelor's, master's and doctoral degrees.

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WHAT IS CHEMICAL ENGINEERING?

This is the area of engineering responsible for changing resources such as crude oil, natural gas, and plant materials into useful chemical and fuel products for consumers. Chemical engineers design and operate the processes to make fuels, plastics, lubricants, pharmaceuticals, and other specialty chemical products.



WHAT IS NATURAL GAS ENGINEERING?

This is the area of engineering responsible for discovery, recovery, and processing of petroleum and natural gas materials from beneath the earth's surface. Natural gas engineers design and operate the tools to drill for these resources, and also design the processes to make high purity fuels and related chemicals from the recovered petroleum and natural gas.

PROGRAMS OFFERED

- B.S. Chemical Engineering
- B.S. Natural Gas Engineering
- M.S. Chemical Engineering
- M.S. Natural Gas Engineering
- Ph.D. Engineering



CAREER PATHS

Chemical Engineering

- Consulting Engineer
- Design Engineer
- Environmental Compliance Specialist
- Operations Engineer
- Process Engineer
- Process Safety Engineer
- Project Manager
- Sales Engineer
- Sustainability Specialist

Natural Gas Engineering

- Design Engineer
- Drilling Engineer
- Fracking Engineer
- Oil & Gas Field Engineer
- Operations Engineer
- Pipeline Engineer
- Process Engineer
- Project Manager
- Sales Engineer
- Safety Engineer



COMPETITIVE SCHOLARSHIP OPPORTUNITIES

- Van Mooney Memorial ASGMT Scholarship
- John L. Bartlett Endowed Scholarship in Natural Gas Engineering
- Citgo Refining Scholarship
- Exxon Mobil Scholarship
- Houston Gas Processors Association of Corpus Christi Scholarship
- Valero-Kain Endowed Scholarship
- Dotterweich Memorial Scholarship

Award amounts vary between \$500 and \$4,000 per year.



Engineering
Accreditation
Commission

The Bachelor of Science programs in Architectural, Chemical, Civil, Electrical, Environmental, Mechanical and Natural Gas Engineering are accredited by the Engineering Accreditation Commission (EAC) of ABET, <https://www.abet.org>.