

ENERGY ENGINEERING - CERTIFICATE

The mission of the Energy Engineering Certificate program is to prepare graduates of the College of Engineering to face world energy supply and demand challenges, and to be effective in ensuring a sustainable energy future. Completion of the certificate will be recorded on the student's University transcript.

For additional information, contact the Energy Engineering Certificate coordinator (<https://engineering.tamu.edu/academics/certificates/energy.html>).

This program was closed for new enrollments effective November 8, 2024 and inactivated on January 2, 2025. Students enrolled on November 8, 2024 will be allowed to complete the program contingent upon proper processes and approvals.

Program Requirements

Code	Title	Semester Credit Hours
Select one of the following:		4
ENGR 101	Energy: Resources, Utilization and Importance to Society	
PETE 201 & GEOG 201	Introduction to Petroleum Engineering and Introduction to Human Geography	
Select three of the following:		9
ARCH 421	Energy and Sustainable Architecture	
CHEN 455/ SENG 455	Process Safety Engineering	
ECEN 459	Power System Fault Analysis and Protection	
ECEN 460	Power System Operation and Control	
ESET 444	Building Energy Management Systems	
MEEN 410	Internal Combustion Engines	
MEEN 436	Principles of Heating, Ventilating and Air Conditioning	
MEEN 437	Principles of Building Energy Analysis	
NUEN 489	Special Topics in...	
PETE 353	Petroleum Project Evaluation	
Total Semester Credit Hours		13