

# ENERGY ENGINEERING - CERTIFICATE

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## 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	
<b>Total Semester Credit Hours</b>		<b>13</b>