

# RENEWABLE ENERGY TECHNOLOGIES - UNDERGRADUATE MINOR

A grade of C- or better is required in each course (no courses may be taken S/U). All prerequisites must be met before enrolling in a class. Engineering Technology students can meet most of the requirements for this minor by judicious selection of their electives. Students may receive credit for only one special topic course (must be renewable content) or internship.

## Required Courses

<i>Select any three from the required list</i>		<b>9</b>
E T 381	Renewable Energy Technologies <sup>3</sup>	
E T 382	Solar Energy Technologies	
E T 384	Wind and Water Energy Technologies	
E T 386	Sustainable Construction and Green Building Design	
<i>Select 6 credits from the following list:</i>		<b>6</b>
Any extra course from the required list		
C E 256	Environmental Engineering and Science	
C E 356	Fundamentals of Environmental Engineering	
CHME 486	Biofuels	
E T 365	Building Utilities	
E T 396	Heat Transfer and Applications	
or M E 341	Heat Transfer	
E T 456	Applied Power Technologies <sup>3</sup>	
or E E 230	AC Circuit Analysis and Introduction to Power Systems	
E T/M E 401	Heating and Air-Conditioning Systems	
WERC 300	Introduction to Pollution Prevention and Its Application	
E E 426	Introduction to Smart Grid	
WERC 466	Fuel Cell and Hydrogen Technology	
I E 490	Selected Topics <sup>1</sup>	
C E 498	Special Topics <sup>1</sup>	
E T 420	Senior Internship <sup>1</sup>	
E T 435	Senior Project <sup>1</sup>	
E T 440	Senior Design <sup>1</sup>	
E T 441	Senior Project <sup>1</sup>	
<i>Select 3 credits from the following:<sup>2</sup></i>		<b>3</b>
AEEC 590	Special Topics <sup>1</sup>	
AG E 337V	Natural Resource Economics	
AG E 420	Special Problems	
ECON 337V	Natural Resource Economics	
E T 360V	Technology in Business and Society	
ECON 384V	Water Resource Economics	
EPWS 380V	Science & Society	
HIST 302V	Science in Modern Society	
HON 378V	Technology and Policy	

PHYS 303V Energy and Society in the New Millennium

Total Credits 18

- <sup>1</sup> Must be related to a renewable energy field and preapproved by faculty advisor.
- <sup>2</sup> If the selected class is outside the student's college it may also satisfy a Viewing a Wider World requirement.
- <sup>3</sup> Not available for ECET majors as a required course. Select from other choices