

## ENGINEERING TECHNOLOGY - ALTERNATIVE ENERGY OPTION

### Engineering Technology: Alternative Energy Option, AS (ENGT-AS)

<b>Communications Area</b>		<b>3 Credit Hours</b>
ENC 1101 English Composition I		3
<b>Humanities Area</b>		<b>3 Credit Hours</b>
•See General Education Core Requirements		3
<b>Mathematics Area</b>		<b>3 Credit Hours</b>
MAC 1105 College Algebra		3
<b>Natural Sciences Area</b>		<b>3 Credit Hours</b>
•See General Education Core Requirements		3
<b>Social Sciences Area</b>		<b>3 Credit Hours</b>
POS 2041 Amer National Government		3
OR		
AMH 2010 United States History I		3
OR		
AMH 2020 United States History II		3
<b>Major Courses</b>		<b>45 Credit Hours</b>
EET 1084C Introduction to Electronics		3
ETD 1320C Introduction to CAD		3
ETI 1701 Industrial Safety		3
ETI 2110 Intro to Quality Assurance		3
ETI 1420 Manufacturing Processes		3
ETI 2001C Applied Mechanics		3
ETP 1501 Intr Enrgy/Env/Soc		3
ETP 1500 Alt Energy Inventory/Analysis		3
EET 1035C AC/DC Circuits		3
ETP 1410C Solar Energy		3
ETS 2542C Programmable Logic Controllers		3
ETP 1510 Biofuels and Biomass		3
ETP 1550 Alt Fuel/Electric Vehicle Tech		3
EET 2214C LabVIEW Instrumentation		3
ETS 2931 Special Projects in CIM		2
ETI 1949 Manufacturing Internship		1

- General Education Core.
- + Prerequisites and/or corequisites required. See course descriptions.
- # Applies to AS degree and certificate programs.
- = Career Certificate course.
- \* Minimum grade of "C" required.
- @ Civic Literacy.