

# CERTIFICATE

## Active Solar Technician

This certificate provides students with a unique applied foundation in solar technologies and applications. The program emphasizes learning through coursework and applied research projects. The certificate allows students to move directly into the alternative energy workforce installing solar hardware and systems. Students are required to take the entry level NABCEP Solar PV exam given as part of the ENER 260 course. Students must also report their score to the College for completion of this degree program.

Students must earn 23 hours for this certificate.

### Program of Study

<b>Orientation</b>		<b>1 hour</b>
COLL	101 College Orientation (1)	
<b>Major courses</b>		<b>22 hours</b>
AMT	112 Occupational Safety (3)	
CONS	131 Plumbing* (3)	
CONS	141 Electrical* (3)	
ENER	105 Intro to Energy (3)	
ENER	250 Solar Thermal Systems* (3)	
ENER	251 Solar Thermal Systems Lab* (2)	
ENER	260 Solar Electric Energy* (3)	
ENER	261 Solar Electric Energy Lab* (2)	

### Suggested Plan of Study

<b>First Semester</b>		<b>Hours</b>
COLL	101 College Orientation	1
ENER	105 Introduction to Energy	3
CONS	131 Plumbing	3
CONS	141 Electrical	3
AMT	112 Occupational Safety	3
<b>TOTAL</b>		<b>13</b>
<b>Second Semester</b>		<b>Hours</b>
ENER	250 Solar Thermal Systems	3
ENER	251 Solar Thermal Systems Lab	2
ENER	260 Solar Electric Energy	3
ENER	261 Solar Electric Energy Lab	2
<b>TOTAL</b>		<b>10</b>
<b>TOTAL HOURS REQUIRED</b>		<b>23</b>

\*Prerequisite requirement