



## RENEWABLE ENERGY

The Renewable Energy program of study helps CTE students to assemble, inspect, maintain and repair different equipment required for renewable energy.

LEVELS	COURSES	
Level 1	No courses offered at Level 1 in this program of study	
Level 2	<b>AC/DC Electronics</b> 1841CT / 10-12 <i>+ OSHA 30 Hours Certification Possible</i>	
Level 3	<b>Solid State Electronics</b> 1843CT / 10-12 <i>Prerequisite: AC/DC Electronics</i>	<b>Environmental Sustainability (PLTW)</b> 1125CT / 9-12 <i>Prerequisite: Prerequisite: Intro of Engineering AND Biology, can take concurrently</i> <b>Weighted Credit</b>
Level 4	<b>Practicum in STEM</b> 1857CA-CB / 12 <i>Prerequisite: A Level 3 STEM or IT course AND Selection Process</i>	

1 Semester Home Campus	2 Semester Home Campus	1 Semester Ben Barber	2 Semester Ben Barber
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OCCUPATION	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Wind Turbine Services Technician	\$51,334	387	108%
Solar Photovoltaic Installer	\$43,957	47	47%

### INDUSTRY BASED CERTIFICATIONS

#### +OSHA 30 Hours Certification - AC/DC Electronics

The OSHA Outreach Training Program provides workers with basic and more advanced training about common safety and health hazards on the job.

*The district will pay 100% of the cost of the certification test if students can show mastery by passing a certification practice test AND maintain an 80+ overall course grade at the time of the certification test. If students don't meet the requirements above, they must pay 100% of the cost of the certification test.*

Students must have successfully completed a level 1 or 2 course AND a level 3 or 4 to take a practicum course.

**To earn a CTE endorsement, an MISD student must take 4 or more credits in the same endorsement area, with at least 2 of 4 credits within the same program of study and must include at least one Level 3 or Level 4 CTE course.**