



# Photovoltaics

Become Proficient in this Expanding Industry.

East Valley Institute of Technology (EVIT) offers a full program in Solar Electric, (PV) technology, design, installation, safety, and O&M. This affordable 10-month adult program provides the background for a good position in this rapidly growing industry. Experienced professionals share their experience with 620 hours of contact. Industry hardware including types of PV modules, various mounting approaches, trackers, combiners, inverters, controllers, instrumentation and storage, including major types of batteries, will be covered in detail.

The course covers Solar cell technology, manufacturing, design tradeoffs, financial factors and the changing trends in the worldwide PV industry. Utility interaction, Rate structures including Energy Storage, Microgrids, and large Power Plants will be covered. Designs for various systems are studied in detail. Off-grid stand-alone systems with batteries, Hybrid systems, and line-tie systems are analyzed and designed for optimum performance and cost effectiveness considering system efficiency and sustainability.

The evening course, ST10 gives the background and confidence needed to obtain a good position in the PV Industry. PV is now the preferred new source of energy in much of the World.

For further information please contact Mr. Javier Lopez, Adult Program Developer/financial Aid at EVIT, 480 461 4025. Or for detailed questions about the course content and US or worldwide job opportunities you may call Lane at 480 371 5401.

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Comprehensive Education in Photovoltaics