

Bay Area Clean Energy Careers Pathways

Skyline College, in collaboration with the San Mateo County Workforce Investment Board, is offering a Career Certificate in Solar Installation and Integration focused to transition dislocated workers and veterans released after 2003 into positions in the Clean Energy Industry.

Introduction to Solar Installation and Integration

March 19 – May 15, 2010

Friday, 9:00 am—3:15 pm

Saturday, May 8 & May 15, 9:00 am—3:05 pm

This is an activity-based introductory course targeted to junior-level (entry-level) photovoltaic installers and consists of 3.5 units of coursework over an eight-week period. Topics include electrical theory and practice, photovoltaic theory and integration, and building trade skills specific to solar installation.

Classes are held on campus at Skyline College. Prerequisites for coursework include 11th grade Math and English placement (Wonderlic) testing, carpentry, construction, and/or electrical experience, familiarity with hand tools, or Skyline College's ELEC 110 (Fundamentals of Electronics) course. Program eligibility requirements include high school graduate or equivalent, eligible for enrollment in Workforce Investment Act (WIA), and resident of the State of California for at least one year.

Please contact pmartinez@co.sanmateo.ca.us for more information.

"I'm in the trades already and what I learned in electrical theory and calculations was very comprehensive, complicated, interactive, and enjoyable with lots of rigorous homework assignments. The skills learned are the skills you actually use in the field." Damon L.

"I learned about different types of Solar PV systems—stand alone, hybrid, and utility tie in, as well as building a PV system and electrical principles to do this work. I gained a good feeling that my instructor wanted for me to succeed." Hakim M.

"I really gained a wide range of knowledge in PV installation and feel comfortable explaining the process to people. The hands on experience and teamwork to build a PV system was fun and everyone in class was determined to learn. This is really a good course and I definitely recommend it to those who want to enter the field. Chad H.

Examples of Career Ladders include*:

Solar Thermal Installers or Technicians	\$31,200—\$52,000
Solar Photovoltaic Installers or Technicians	\$31,200—\$60,000
Sales Representatives or Estimators	\$41,600—\$62,400
Solar Designers or Engineers	\$50,000—\$83,200
Solar Installation Managers	\$52,000—\$77,500

*Source: Environmental Scan: Solar Industry, Bay Area (2008) Center of Excellence, San Francisco Bay and Greater Silicon Valley Regions.



Workforce Investment Board



The Bay Area Clean Energy Careers Program is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

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