Sunset Park Solar is looking for local residents to join a two-week construction & solar energy training course. Participants of the program will learn basic carpentry, electrical, and solar energy installation skills through a mix of classroom and hands-on training. There is no charge to participate in the training program.

Individuals who complete the training will have the skills necessary to become a solar PV installer. Some participants will be recruited to put their skills to work on the Sunset Park Solar project, a cooperatively-owned solar energy being installed on the roof of the Brooklyn Army Terminal.

Solar energy saves money, reduces environmental impacts, and is more affordable than ever. It’s no wonder why the Bureau of Labor Statistics ranks Solar PV installers as the fastest growing occupation over the next ten years.

**Eligibility Requirements**

We are looking for individuals who are:

- comfortable with modest physical labor
- able to lift about 50 lbs
- currently unemployed
- reside in Sunset Park
- OSHA 30 (completed by 6/7)

Previous experience in a workforce or technical training program is a plus.

**WHAT STUDENTS LEARN**

Solar One's electrical and solar PV installation training provides individuals with an understanding of solar energy systems, components, available incentives, building code requirements, and hands-on training to install rooftop solar arrays on residential and commercial buildings.

**Green Construction: Carpentry**
- Construction math
- Sawing, Screwing, Nailing, & Drilling
- Understanding Construction Documents
- Hands-on Wall Construction & Framing

**Green Construction: Electrical**
- Electrical Safety
- Wiring Types, Cables, Fittings & Boxes
- Types of Circuits
- Watts & Ohms Law

**Solar PV Fundamentals**
- Solar energy history, markets, & economics
- Types of solar energy systems
- Grid-Tied & Battery Backup Systems
- Solar Array Sizing & Roof Layouts

**Solar PV Installation**
- System Components Overview
- Racking & Mounting Hands-on
- PV Series & System Design Exercises
- Test PV Installations

**Course dates: June 8 - Jun 19, 2020**

Courses are held at Solar One’s Training Lab in Long Island City, Queens.

**TO REGISTER:**

Contact us at (646) 576-5662 or email wsmall@sbidc.org. Registration is on a first-come, first-serve basis until mid-May.