

Green job apprenticeship programs offered by unions and utilities

WHAT IS AN APPRENTICESHIP PROGRAM?

An apprenticeship is an entry-level job that pays the employee while they learn a skilled craft or trade. Most of the job training occurs during the working hours, though classroom training may also be required. The apprentice typically works alongside a highly experienced teacher to perform jobs and installations. The duration of the apprenticeship is typically between three and five years based on the skills and trade being learned. At the start of the apprenticeship, the worker may earn between \$9 and \$14 per hour. Once completed, the apprentice-turned-craftsman can earn more than \$30 an hour.

Most apprenticeship programs are either run through a labor union, large company like an electric utility (for the purposes of placing the worker in that company), or a local college. Typically, applicants to apprenticeship programs must be 18 years of age, in good physical health, possess a high school diploma or a GED, and able to read, write, and speak English.

Formal apprenticeship programs offered by labor unions in California specialize in:

- Air conditioning & refrigeration
- Automotive
- Boiler making
- Carpentry
- Cement-masonry
- Electrician
- Heat & frost insulation
- Ironworking
- Machinists & mechanics
- Millwrights
- Operations engineering
- Plumbing
- Power Lineman
- Roofing
- Sheet metal working
- Solar turbines
- Stationary engineering
- Steam fitting

RESOURCES TO FIND APPRENTICESHIPS

Paid apprenticeship programs can be offered through local unions or directly from employers like large public utilities. Coursework required by apprenticeship programs can be taken in approved academic institutions throughout the state. The State of California Division of Apprenticeship Standards (DAS) oversees apprenticeship standards for wages, hours, working conditions and the specific skills required for state certification. More information on state-approved apprenticeship education programs can be found at: <http://www.dir.ca.gov/apprenticeship.html>.

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Excellent resources to learn more about apprenticeships through local unions, trade organizations and individual companies can be found on the Internet.

APPRENTICESHIP PROGRAMS (Labor Organization and Industry Managed)	WEBSITE CONTACT INFORMATION
Building Trades	www.scbtc.org
California Apprenticeship Coordinators Association	www.calapprenticeship.org/Programs.htm
California State Apprenticeship Search Database of available apprenticeship programs by county and occupation group	www.dir.ca.gov/databases/das/aigstart.asp
Carpenters Training Academy	www.ctcnc.org
IBEW Local 11 International Brotherhood of Electrical Workers	www.ibew11.org
Fresno Electrical Apprenticeship	www.fresnojatc.org
Local 250 Air Conditioning and Refrigeration Training Center	www.HVACr-training.com
Los Angeles Electrical Training Institute	www.laett.com/apprentice.html
Millwright Apprenticeship	www.unionmillwright.com
Northern California Cement Masons Joint Apprenticeship & Training Committee	www.norcalcementmasonsapprenticeship.org
Pacific Gas and Electric Power Pathways	www.pge.com/about/careers/powerpathway
Roofers 95	www.roofer95.com
Sacramento Municipal Utility District	smud.org/careers/college.html
Sacramento Valley Sheet Metal Worker	www.sheetmetaltraining.com
San Francisco Electrical Training	www.sfelectricaltraining.org
San Francisco Sprinkler Fitters Local 483	www.sprinklerfitters483.org/apprenticeship.asp
San Diego Electrical Training Trust	www.sdett.org
Southern California Carpenters JATC	www.californiacarpenters.org
Stationary Engineer Apprenticeship	www.local39training.org
Ventura County Electrical Joint Apprenticeship Training Committee	www.ibew952.org
Western Apprenticeship Coordinators Association	www.waca-apprenticeships.org