

## GREEN CERTIFICATION, EDUCATION, FUNDING, and OTHER ONLINE RESOURCES

### Los Angeles Trade-Technical College – Green College Initiative Website

<http://college.lattc.edu/green/>

- Education and Training Page  
<http://college.lattc.edu/green/education-training-programs/>

### American Recovery and Reinvestment Act Online Resources

- Fox, R., Walsh, J., & Fremstad, S. (2009) Bringing Home the Green Recovery: A User's Guide to the 2009 American Recovery and Reinvestment Act. Green For All and Policy Link. Available at [www.greenforall.org/](http://www.greenforall.org/)
- National Portal <http://www.recovery.gov/>
- California Economic Recovery Portal  
<http://www.recovery.ca.gov/>
- California EDD Recovery Portal  
[http://www.edd.ca.gov/Jobs\\_and\\_Training/California\\_recovery.htm](http://www.edd.ca.gov/Jobs_and_Training/California_recovery.htm)
- U.S. Department of Labor <http://www.dol.gov/recovery/>
- U.S. Weatherization Assistance Program  
<http://apps1.eere.energy.gov/weatherization/>

### Energy Resources

- National Commission on Energy Policy  
<http://www.energycommission.org/>
- Electric Power Research Institute [www.epri.com](http://www.epri.com)
  - "The Power to Reduce CO2 Emissions: the Full Portfolio - 2008 Economic Sensitivity Studies"

### California Green Resources

- California Green Jobs Council <http://www.calwia.org/>
- Understanding the Green Economy – California Employment Development Department Green Page  
<http://www.labormarketinfo.edd.ca.gov/> located at the bottom of the page under "Most Popular" Data heading. There is a green legislation page included on this website
- Green Jobs Guidebook (Environmental Defense Fund)  
[www.edf.org](http://www.edf.org)
- California Energy Commission -  
<http://www.energy.ca.gov/>
- California Centers for Excellence Industry Scans (including green industries) -  
[http://www.coeccc.net/resources\\_publications.asp](http://www.coeccc.net/resources_publications.asp)
- The Environmental Defense Fund's Green Economy Map. This interactive map will help anyone currently looking to understand the expanse of the green economy and learn more about opportunities that exist in their local area.  
[www.edf.org/cagreen](http://www.edf.org/cagreen)

### Resources for Green Workforce Education (Green Technicians)

- National Council for Workforce Education -  
<http://www.ncwe.org/documents/GoingGreen.pdf>
- Interstate Renewable Energy Council (IREC) –  
[www.irecusa.org](http://www.irecusa.org)
- Advanced Technology Environmental and Energy Center –  
[www.ateec.org](http://www.ateec.org)
- Consortium for Education in Renewable Energy Technology (CERET) – [www.ceret.us](http://www.ceret.us) - online for faculty and remote students
- Green for All - Pathways out of poverty programs
  - Community of Practice -  
<http://www.greenforall.org/community-of-practice>
  - Recovery  
Page: <http://www.greenforall.org/Recovery>

- American Association of Community Colleges –  
[www.aacc.nche.org/sustainable](http://www.aacc.nche.org/sustainable) - with more resources coming
- American Solar Energy Society (ASES) and Management Information Services, Inc. (MISI) <http://www.ases.org/>
- Apollo Alliance <http://www.apolloalliance.org/>
- Energy Information Administration
- Institute of Sustainable Power <http://www.ispg-central.com/>
- The Partnership for Environmental Technology Education (PETE) <http://www.ateec.org/pete/>
- US Department of Energy <http://www.doe.gov/>

### Association for the Advancement of Sustainability in Higher Education

[www.aashe.org](http://www.aashe.org)

- Website includes the ability to sign up for free bulletins, searchable resources and digest, Disciplinary Associations Network for Sustainability ([www.aashe.org/dans](http://www.aashe.org/dans)) and group discussions at <http://www.aashe.org/lists/lists.php>

### Resources for Sustainability Education

- American College and University Presidents' Climate Commitment (ACUPCC) –  
[www.presidentsclimatecommitment.org](http://www.presidentsclimatecommitment.org) including "Education for Climate Neutrality and Sustainability" (and Green):  
[www.presidentsclimatecommitment.org/html/solutions\\_academics.php](http://www.presidentsclimatecommitment.org/html/solutions_academics.php)
- World Federation of Colleges and Polytechnics – Sustainability and Green Resources page -  
<http://wfcpc.accc.ca/>
- Repository of resources and funding opportunities –  
[www.recovery.gov](http://www.recovery.gov)
- K-12 Sustainability Standards and Resources – U.S. Partnership for Education for Sustainable Development  
[http://www.uspartnership.org/main/show\\_passage/48](http://www.uspartnership.org/main/show_passage/48)

### Green Job Certifications - Entry Level (including workers without degrees or prior certification in building trades).

Source: Green For All

- **U.S. Department of Labor-funded workforce training programs** – Many DOL-funded workforce development programs now include a green building component.
- **Occupational Safety and Health Administration** issues OSHA 40 Hazardous Waste Operations certificates and OSHA 10 Site Safety certificates. Each allows an individual to be a hazardous waste handler and an asbestos abatement mechanic.
- **EPA HVAC Certification** – Allows someone to be an energy efficiency services technician in heating, ventilation, and air conditioning industry
- **Home Builders Institute** –HBI offers a **Residential Construction Academy Series**, a training program based on national standards set by the residential construction industry for essential workplace skills in the areas of carpentry, electrical, HVAC, plumbing, facilities maintenance, and masonry, and includes green, sustainable construction techniques. Used in pre-apprenticeship programs such as YouthBuild, Job Corps, vocational programs offered by high schools, workforce development programs, community colleges, correctional facilities, and trade unions. HBI recognizes certain training programs as "credentialed" if they meet certain criteria associated with the RCA Series. Credentialing allows students access to the online National Registry and HBI can match the provider with local Home Builder Associations for industry connections.
  - Home Builders Institute: [www.hbi.org](http://www.hbi.org)
  - Residential Construction Academy:  
[www.residentialacademy.delmar.cengage.com](http://www.residentialacademy.delmar.cengage.com)

**Green Job Certifications - SKILLED LABOR** (for those who already have some experience)

- **Air Conditioning Contractors of America (ACCA) offers EPA Refrigerant Certification.** Clean Air Act section 608 requires that individuals working on air conditioning and ventilation systems receive EPA Refrigerant Certification. ACCA offers a certification training program and tests.
- **North American Board of Certified Energy Practitioners® (NABCEP)** –systems. NABCEP Entry Level Certificate Program [www.nabcep.org/certificates/entry-level-certificate-program](http://www.nabcep.org/certificates/entry-level-certificate-program)
- **National Electrical Contractors Association (NECA)**
- **National Association of Home Builders offers Home Builders Institute (HBI) curriculum for Workforce Training & Employment,** which is an apprenticeship program in residential construction offered to targeted populations.
- **Other trade and apprenticeship programs:** Some local unions have created green apprenticeship programs.

**Green Job Certifications - Housing Professionals**

- **Green Advantage® Certification for commercial and residential practitioners** – Green Advantage® is an environmental certification for building-related practitioners, primarily contractors, subcontractors, and trades people. The exam covers green building industry issues such as green building materials, siting and design.
  - Green Advantage®: [www.greenadvantage.org](http://www.greenadvantage.org)
- **National Association of Home Builders (NAHB): Certified Green Professional™ (CGP)** – The National Association of Home Builders CGP designation recognizes builders, remodelers, and other industry professionals who incorporate green building principles into homes without driving up the cost of construction. NAHB recently released the “National Green Building Standard” for all residential construction work, approved by the American National Standards Institute (ANSI); it is intended to be an alternative, not a replacement, for LEED for Homes (LEED-H).
  - NAHB Certified Green Professional: [www.nahb.org/category.aspx?sectionID=1174](http://www.nahb.org/category.aspx?sectionID=1174)
- **The North American Board of Certified Energy Practitioners (NABCEP)** <http://www.nabcep.org/certification> offers:
  - Solar Photovoltaic and Solar Thermal Installer Certifications
  - Small Wind Certification (under consideration)
- **The National Association of the Remodeling Industry’s (NARI) Green Certified Professional (GCP):** designed to recognize and identify remodelers who apply green or sustainable principles to their remodeling projects. NARI: [www.nari.org](http://www.nari.org)
- **Residential Energy Services Network (RESNET): Home Energy Rating System (HERS):** RESNET is a membership 501(c)(3) organization and its standards are officially recognized by the U.S. mortgage industry for capitalizing a building’s energy performance in a mortgage loan, certification of “White Tags” for private financial investors, and by the federal government for verification of building energy performance for such programs as federal tax incentives, the Environmental Protection Agency’s Energy Star program, and the U.S. Department of Energy’s Building America Program.
  - RESNET: [www.natresnet.org](http://www.natresnet.org)
  - HERS Rating: <http://hersrater.net>
- **Building Performance Institute (BPI)** –BPI certification areas are Building Analyst, Air Conditioning and Heating, Building Envelope, and Multifamily. BPI certification for contractors and auditors includes written and field practical examinations.
  - Building Performance Institute: [www.bpi.org](http://www.bpi.org).

- **National Association of Realtors® (NAR) Green Designation** – The Green Resource Council administers NAR’s Green Designation, which is designed to address the concerns of consumers who want real estate professionals with real green expertise. Green Resource Council: [www.greenresourcecouncil.org](http://www.greenresourcecouncil.org)
- **EcoBroker®** – EcoBroker Certified professionals help clients market properties with green features, save money, and live comfortably, through energy efficiency and environmentally-sensitive choices. Training and certification are overseen the Association of Energy and Environmental Real Estate Professionals ([www.aeerep.org](http://www.aeerep.org)). EcoBroker.com: [www.ecobroker.com](http://www.ecobroker.com)
- **Appraisal Institute:** [www.appraisalinstitute.org](http://www.appraisalinstitute.org)
- **American Lung Association of Washington: Master Home Environmentalist Program:** [www.alaw.org/air\\_quality/master\\_home\\_environmentalist](http://www.alaw.org/air_quality/master_home_environmentalist)

**Green Job Certifications - Professional Designer (Architect/Engineer) Designation**

- **Build-It-Green – The Certified Green Building Professional (CGBP) Build-It-Green CGBP:** [www.builditgreen.org/cgbp](http://www.builditgreen.org/cgbp)
- **Green Building Certification Institute’s (GBCI) Leadership in Energy and Environmental Design (LEED) Professional Accreditation** –
  - Green Building Certification Institute: [www.gbci.org](http://www.gbci.org)
  - U.S. Green Building Council: <http://www.usgbc.org>

**Green Job Certifications - Energy Management**

- **The Association of Energy Engineers** offers a number of certifications, including a Certified Energy Manager exam. You do not have to be an engineer to take this certification.
  - Association of Energy Engineers – <http://www.aeecenter.org>

**American Green Jobs Website** (supported by DOL and EPA as a clearinghouse)

<http://www.americangreenjobs.net/wiki>

**Online Resources for Green Job Seekers**

- <http://www.greencarecentral.com/> how to get a job in the new green economy
- <http://www.greencareertracks.com/> fitting green jobs to suit your skills
- [www.ecoemploy.com](http://www.ecoemploy.com) environmental job listings and governmental agencies
- [www.greenmaven.com](http://www.greenmaven.com) On-line directory for green businesses
- <http://www.greenbusinesscamp.com/sf/> provides information about green networking opportunities
- <http://hotjobs.yahoo.com/jobs-c-Green> - this website has listings of green jobs nationwide, with links to jobs in specific localities such as Los Angeles. Also has articles on green jobs.
- **Employment Assistance in California**
  - [www.Backtowork.org](http://www.Backtowork.org)

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