

# A Flexible Approach to Thinking About “Green” Jobs

Rather than focusing only on the types of jobs and skills widely associated with popular perceptions of careers in the green economy, a more expansive approach to thinking about green jobs and the skills they require opens up opportunities for making connections across disciplines in ways that can make students more competitive in the marketplace. Green skills are actively being integrated into occupations across the economy, and all jobs can become greener through the integration of green knowledge and skills. For more details, visit the [Growing Quality Green Jobs](#) report at JFF.org

## Example “Green” Skills *Based on Lightcast Skills Taxonomy, Lightcast, March 2024.*

- Electric Vehicle (EV) Installation
- Electrical Switches
- Electrical Wiring
- Energy Management
- Environmental Engineering
- Environmental Impact Assessments
- Environmental Issues
- Environmental Laws
- Environmental Policy
- Fertilizers
- Hazardous Waste Disposal
- Metal Forming
- Metallurgy
- Pollution Prevention
- Power Plant Operations
- Renewable Energy
- Sewage
- Solar Energy Systems Installation
- Solar Systems
- Vehicle Parts
- Waste Management
- Water Quality
- Water Resources
- Wind Turbines

## Example “Green” Areas of Study *Based on Advance CTE’s framework The Green Workforce in the National Career Clusters Framework, Advance CTE, October 2024, <https://careertech.org/resource/green-workforce-career-clusters/>.*

- Biotechnology Research
- Clean Energy System Design
- Climate Resilience
- Ecotourism
- Electrical Systems
- Electric Vehicle Installation & Maintenance
- Energy Transfer
- Environmental Engineering
- Environmental Management
- Environmental Science & Sustainability
- GIS Mapping
- Green Construction
- Landscape Architecture
- Mining Technology
- Natural Resource Conservation
- Regional & Urban Planning
- Renewable Energy
- Solar System Design & Installation
- Supply Chain Management
- Sustainable Communities
- Water and Wastewater Systems
- Wildlife Management
- Wind Turbine Installation & Maintenance

## Example “Green” Certifications *Source from Sarah White, Laura Dresser, and Joel Rogers, Greener Skills: How Credentials Create Value in the Clean Energy Economy (Madison, Wisconsin: Center on Wisconsin Strategy, 2010), <https://highroad.wisc.edu/publications/greener-skills-how-credentials-create-value-in-the-clean-energy-economy/>.*

- A/C or Heat Pump Professional
- Alternative Energy Installer Levels I-III
- Alternative Energy Integrator Level I-III
- Building Analyst Professional
- Building Operator Certification Level I-II
- CC-P Candidate Pilot Program
- CDP Climate Change Survey Certification
- Certified Building Commissioning Professional
- Certified Business Energy Professional
- Certified Carbon Reduction Manager
- Certified Climate Change Professional
- Certified Energy Auditor
- Certified Energy Manager
- Certified Energy Procurement Professional
- Certified GeoExchange Designer
- Certified Green Building Engineer
- Certified Lighting Efficiency Professional
- Certified Measurement and Verification Professional
- Certified Power Quality Professional
- Certified Sustainable Development Professional
- Distributed Generation Certified Professional
- Energy Efficient Multi-Family Building Operations Specialist
- Envelope Professional
- Global Reporting Initiative (GRI) Professional
- Heating Professional Certification
- Home Energy Rater
- Services Certified Rater
- Installation Technician
- Installer Level III – Alternative Thermal Energy
- Installer Level III – Electrical Energy Generation
- Integrated Reporting Fundamentals of Integrated Reporting Certificate
- LEED AP
- LEED Fellow
- LEED Green Associate
- Manufactured Housing Professional
- Multi-Family Advanced Heating Plant Technician
- Multi-Family Building Analyst Professional
- Multi-Family Hydronic Heating System Design Professional
- North American Technician Excellence
- PV Entry Level Exam Program
- PV Installer Certification
- Rater Field Inspector
- Rater Specialty Certification
- Senior Certified Rater
- Service Technician
- Solar Thermal Installer Certification
- Sustainability Excellence Associate
- Sustainability Excellence Professional