

Eligible Industries for New Jersey Green Workforce Training Grant Challenge Phase 2

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Industry	Description
Renewable Energy Technologies	This industry is inclusive of careers in the development and generation of solar, geothermal, hydropower, marine, and biomass energy. Relevant occupations include but are not limited to technology innovation, component manufacturing, fabrication, assembly, energy engineering, energy system installation, and service technician roles.
Green Design & Construction	This industry is inclusive of careers in the green design and construction of new and retrofitting of existing buildings, as well as the installation of green construction technology (e.g., low-carbon materials) that can help decarbonize and improve the resiliency of our built environment. Relevant occupations include but are not limited to architects, engineers, electricians, carpenters, welders, plumbers, and roofers.
Environmental and Green Infrastructure	Environmental and green infrastructure is inclusive of careers that utilize natural systems and innovative technologies (e.g., cool roofs, permeable pavements, bioswales, rain gardens, etc.) that help mitigate and adapt to climate change impacts and reduce stormwater runoff. Relevant occupations include but are not limited to foresters, arborists, ecosystem (e.g., wetlands) restoration, wildlife conservation and biodiversity, soil and plant scientists, and environmental engineers.

<p>Grid Resilience</p>	<p>Grid resilience is inclusive of careers that transform our power sector infrastructure to supply clean electricity and increase the reliability and resilience of our power grid. Relevant occupations include but are not limited to transmission line workers, service technicians, electrical engineering, energy storage, electrical power line installers and repairers, and electrical, electronic, and electromechanical assemblers.</p>
<p>Clean Transportation</p>	<p>Clean transportation careers reduce the environmental impact of the transportation sector, including across all classes of automotive vehicles, mass transit, vessels, and aviation while advancing infrastructure developments that support walking and micro-mobility options. Relevant occupations include but are not limited to automotive technicians, commercial drivers, transportation engineers, electric vehicle charging station installation and maintenance, and rail track laying and maintenance equipment operators.</p>
<p>Energy Efficiency</p>	<p>This industry is defined to include careers that improve energy efficiency and reduce greenhouse gas emissions. Relevant occupations include but are not limited to building operations & maintenance, high-efficiency heating, ventilation, and air conditioning (HVAC) installers and repairers, energy auditors, ENERGY STAR & efficient lighting installers, insulation workers, and weatherization installers and technicians.</p>