



Association of Central Oklahoma Governments

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Can you provide resources for or insight into improving alternative fuels workforce development at the state level?

Nationwide Student Workforce Development Resources

We recommend referring to the [Battery Workforce Challenge Program](#) page for an overview of the U.S. Department of Energy (DOE) and Argonne National Laboratory program that delivers training and education for high school and collegiate graduates, vocational and transitional workers, and technicians who will charge North America's battery industry forward. The program offers a collegiate competition initiative for university and vocational students to gain critical battery design, integration experience, and to build engineering and technical skills well beyond traditional engineering curriculum. Please refer to the [About the Battery Workforce Challenge](#) page to learn more about the three-year engineering competition.

For science, technology engineering, and mathematics workforce development resources for students in high school and college, you may refer to DOE's [Workforce Development for Teachers and Scientists](#) page for an overview of six core program offerings.

Additionally, we recommend referring to DOE's [Apprenticeships & Workforce Development](#) page for more workforce development resources. Specifically, see the "Key Workforce Development Resources and Analysis" section for a list of helpful resources for students to explore, including:

- [Map a Career in Energy](#)
- [Models that Illustrate Key Competencies Across Energy Subsectors](#)

You may also refer to the "Resources on Additional Workforce Development Pathways and Approaches" section of DOE's [Apprenticeships & Workforce Development](#) page for information on youth apprenticeships, which are programs designed to serve youth ages 16-24. You may utilize the U.S. Department of Labor [Apprenticeship Finder](#) to locate opportunities in your area.

It may be worthwhile noting that several Clean Cities and Communities coalitions have partnered with local institutions and agencies, including colleges and high schools, to carry out electric vehicle (EV) workforce development programs including:

- Louisiana Clean Fuels is partnering with the Louisiana Community and Technical College System, which has expressed great interest in developing curricula at community and technical colleges in the state to develop a workforce specifically targeted at the care and maintenance of EV charging stations and alternative fuels vehicles per Louisiana's state plan, [EV Infrastructure Deployment](#), PDF page 58.
- Drive Clean Colorado is involved in Colorado Department of Transportation's (CDOT) workforce development strategies. Per [Colorado NEVI Plan](#), PDF page 41, CDOT collaborated with stakeholders, including local coalitions, to host a workforce development working group. Some initial outcomes include the ongoing development of an EV and hybrid automotive technician certificate program to be offered by the Colorado Community College System and the scoping of a medium- and heavy-duty workforce needs analysis.
- Long Beach Clean Cities has been involved in developing the [Electric School Bus Training Project](#) through the California Energy Commission. This project has involved developing and delivering a series of free training courses to incumbent technicians throughout California at high school



campuses that have received funding for electric buses, as well as developing online training modules for electric school bus technician certification.

Nationwide General Workforce Development Resources

Further, while not specific to high school and college students, we recommend referring to the Joint Office of Energy and Transportation's [Workforce Development Resources](#) for general information and featured organizations and businesses that are implementing EV workforce development programs across the country, including the following:

- [Workforce Development for the EV Charging Sector](#) webinar, which includes discussion on how to build a skilled workforce within the electrified transportation industry to support the operation and maintenance of EV charging infrastructure. **The webinar highlighted organizations and individuals that are currently providing training to the workforce of the future in the EV charging space.**
- [EV Infrastructure Training Program](#) certifies electricians in the proper installation of EV charging stations. This includes site assessment, load calculations, the National Electric Code, jobsite safety, personal protection equipment, and other installation and maintenance best practices.

Lastly, Goodwill has launched workforce training programs for relevant energy jobs across the country. [The Goodwill Clean Tech Accelerator](#) program teaches young adults the necessary skills for jobs related to energy technologies, including EV infrastructure. See the following Goodwill programs and locations:

- [Goodwill of Greater Detroit Skilled Trades Academy](#)
- [Goodwill of North Georgia Cleantech Workforce Training Program](#)
- [Goodwill of Upstate/Midlands South Carolina](#)

Technical Response Service

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