

# Electric Mobility Careers



Whether it's designing and assembling electric vehicles, installing charging infrastructure, or innovating fleet electrification solutions, this sector is powering the shift away from fossil fuels. With electric mobility, workers aren't just building vehicles - they're building the pathways for cleaner, faster, and more accessible transportation systems that will define the cities of tomorrow.

# What are my options?

Electric Mobility Careers that generally require **no**  
**prior education**

Annual Salary (\$)	Manufacturing & Assembly	Infrastructure & Maintenance	Transit & Fleet Operations	Research, Development & Policy
Between 20k and 40k	EV assembly line worker	Charging station installer	Electric bus driver (EV fleets)	Lab assistant (battery testing)
	E-Scooter/Bike Delivery Driver/Repair Technician	Couriers and Messengers	Heavy and Tractor-Trailer Truck Drivers (EV fleets)	Retail salesperson / customer service
Between 40k and 60k	Material Handler (EV/Battery Production)	Machine tool operator	Reservation and Transportation Ticket Agents and Travel Clerks	EV Service technician and mechanic



# What are my options?

Electric Mobility Careers that generally require an Associate's Degree or a Post-Secondary Credential

Annual Salary (\$)	Manufacturing & Assembly	Infrastructure & Maintenance	Transit & Fleet Operations	Research, Development & Policy
Between 40k and 60k	EV battery technician	EV charging station electrician	Fleet maintenance technician (EV)	EV testing technician
	E-Bike Technician	Sales Representatives of Services (EV car-sharing, mobility apps, etc.)	First-Line Supervisors of Transportation and Material Moving Workers	Alternative Energy Automotive Technician
Between 60k and 80k	electrical/engine equipment assembler	Alternative/Electric Vehicle Technician (Manufacturing, Installation, and Maintenance)	Industrial Maintenance Technician (Auto & Advanced Mobility)	Engineering Technician (EV Design & Development)
	Electric powerline installer and repairer	Electrical Engineers (for EV charging infrastructure)	Electric Bus Technician	Bus and Truck Mechanics and Diesel Engine Specialists (transitioning to EV mechanics)



# What are my options?

Electric Mobility Careers that generally require a Graduate's Degree or a Post-Graduate's Degree

Annual Salary (\$)	Manufacturing & Assembly	Infrastructure & Maintenance	Transit & Fleet Operations	Research, Development & Policy
80k and above	EV manufacturing process engineer	Electrical infrastructure project manager	Fleet operations manager	EV R&D engineer or transportation policy analyst
	Lifecycle Assessment & Sustainability Analyst	Software developer (for EV systems/charging platforms)	Industrial production manager	Electric Grid Integration Specialist/Researcher
	Battery Technologist/Scientist	Advance Electricians	Business Development Manager/Analyst (Advanced Technology)	Electric Vehicle Charging Infrastructure Engineer/Researcher
	Electric Vehicle System Design Engineer (Advanced Degrees Focus)	Electric Mobility Policy and Governance Analyst/Specialist	Data Scientist (Electric Vehicles)	Materials Chemist / Scientist

## Tip for job seekers

EV infrastructure installation is a fast-growing niche. Electrical apprenticeships with EV specialization can lead to six-figure salaries within a few years.

# Education, Training and Apprenticeships and Programs

Looking for hands-on training? These programs offer pathways to in-demand, high-paying careers.



## Napier Truck Driving

Provide CDL training and job placement assistance that can open doors to roles involving the operation or handling of electric commercial vehicles.



## Great Oaks

Provides training for example through its Alternative/Electric Vehicle Technician program, preparing students to work with diverse EV-powered equipment

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## Community Action Agency

The CAA's career pathway programs can equip individuals with skills relevant to the growing field of electric vehicles, including IT, manufacturing, and logistics.



## Cincinnati State

Offers Electro-Mechanical Engineering Technology programs that prepare students for careers in electric mobility.



## Butler Tech

Offer a two-year Automotive Technology program that includes training on electrical systems and computer technology, preparing students to become technicians



## IBEW / EVITP

The International Brotherhood of Electrical Workers (IBEW) Local 212's partnership with the Electric Vehicle Infrastructure Training Program (EVITP), which provides specialized training and certification for electricians