



# Energy Careers Putting STEM to Work™

As technology continues to develop at a record pace, having strong skills in *Science, Technology, Engineering, and Math (STEM)* is becoming increasingly important in the workplace. While many think of engineers, scientists, and computer programmers when they think of STEM careers, there is a wide array of other career paths that fall into this category. Many of these are in the energy industry.

Take a lineworker for example. In order to do the job safely, a lineworker needs to have an extensive understanding of how electricity is generated and distributed. He or she also needs strong math skills for determining where poles should be placed and what dimensions of cable are required for the electricity to flow. There are a number of other jobs in the energy industry that require similar skills, including technicians, welders, and plant operators. Then there are more traditional STEM positions like engineers and nuclear.

Find out more about how you can put STEM to work using the *Get Into Energy Career Pathways* models that show the potential progression for a career in energy—a career that can last a lifetime.

## Get Into Energy Career Pathways Roadmaps

**Lineworkers: Putting STEM\* to Work**

**EARN CREDENTIALS:**

- National Career Readiness Certificate
- Energy Employability Skills Certificate
- Industry Fundamentals Certificate
- Lineworker Boot Camp (for Credit)

**LEARN MORE / EARN MORE**

- Pass Pre-Employment Tests and Become a **LINE HELPER**
- APPRENTICE** (\$53,000) (1-5 YEARS\*\*)
- LINEWORKER** (\$57,000) (3-6 YEARS\*\*)
- SENIOR-LEVEL CREW LEADER** (\$79,000) (6-8 YEARS\*\*)
- SUPERVISOR** (\$85,000) (8+ YEARS\*\*)

**EDUCATIONAL OPPORTUNITIES FOR ADVANCEMENT**

- Apprenticeship (for College Credit)\*\*
- Experience in Position
- Associate's Degree
- Long-Term On-the-Job Training
- Long-Term On-the-Job Training
- Experience in Position
- Bachelor's Degree
- Long-Term On-the-Job Training

\* Science, Technology, Engineering, and Math  
\*\* Depends on company requirements

Center for ENERGY Workforce Development

Explore interactive online versions of the Get Into Energy Career Pathways Roadmaps here:

[www.cewd.org/roadmap](http://www.cewd.org/roadmap)



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