

# GEOLOGIST

- My job title requires a bachelor's degree and often a graduate degree.
- I am knowledgeable about the Earth, its composition, and what can be found there.
- Companies that supply oil, natural gas, coal, uranium ore, and minerals rely on my knowledge to locate these valuable natural resources.
- I work with technology that helps me see below ground and know what I will find at which depths.
- In my line of work, it's gneiss to be appreciated and not taken for granite.

# MARKETING SPECIALIST

- My job title requires a bachelor's degree.
- I know a lot about products and how to convince people to buy them.
- I know how to get an idea out, whether on TV, radio, or by using social media. I also specialize in knowing who a message is intended to reach.
- I excel in creating catchy phrases and slogans.
- I can also shop until I drop!

# METEOROLOGIST

- My job title requires a bachelor's degree, and can require graduate degrees.
- The work I produce is used by many people to schedule projects and plan events.
- I use computer models, data and measurements, satellite imagery, and past experience to predict the future.
- I work for the government, television stations and networks, the military, energy providers, and airlines, to name a few.
- My job allows me to be inaccurate some of the time and still get paid - cirriously.

# FORESTER

- My job title usually requires a bachelor's degree. If I want to do research in my field, graduate degrees are necessary.
- Much of my work is done outside, though I also work indoors to analyze data and write reports and recommendations.
- I help protect, manage, plant, and care for a wide variety of species. Some of these organisms grow quickly while others have been around hundreds, even thousands, of years.
- I need to be able to use a measuring tape, compass, map, and other outdoor equipment to take data and make recommendations. I also need to be able to write reports with my recommendations and instructions.
- I never get stumped by a good riddle.

# **LINEWORKER**

- My job title requires a high school diploma and training as an apprentice. My training is often through a local union.
- I use a variety of special personal protection equipment that prevents me from having a shocking day at work.
- I might work for utility companies, special contractors in businesses and homes, or in factories.
- My workplace is often outdoors, both above and below ground, when weather safely allows.
- I keep the world connected and grounded. You could say I have all the power.

# SAFETY ENGINEER

- My job title requires a bachelor's degree, and additional training specific to the area in which I work.
- My job requires me to be aware of regulations and codes that keep people from being injured.
- It is my job to review and inspect buildings, worksites, and machinery and find problems before someone is injured.
- I need to climb ladders, crawl under machines, and be able to move all around my work site to perform my job responsibly.
- My favorite song is the disco hit "Stayin Alive."

# CUSTOMER SERVICE REPRESENTATIVE

- My job title requires a high school diploma and on-the-job training from my employer.
- I need to be able to listen to people and understand their perspective to find a solution to the problem.
- I may spend a lot of time on the phone, in a chat forum, or working directly with the public.
- Even when people are rude to me, it is important that I maintain my composure and respond with kindness.
- I'm constantly reminded who is always right.

# ELECTRIC SERVICE PLANNER

- My job title requires a high school diploma and additional training, which can be from a university or an electric utility.
- I can work on small, medium, or large projects for electric utilities. I might bring electricity to a new home or lay out the pattern for an entirely new development.
- I coordinate work with a wide variety of other people, including engineers, lineworkers, and local government agencies.
- It is important that I stay within budget and make sure new projects follow local building and utility codes and regulations.
- As our country's population increases, I keep everyone plugged in and tuned in.

# ENERGY EFFICIENCY SPECIALIST

- My job title requires a high school diploma and additional training. Most people in my field have associate's or bachelor's degrees. There are specialized certifications I might earn after I complete my degree.
- Sometimes I am in charge of entire buildings or groups of buildings. I know all the energy using systems within my workplace and how to keep them operating at their peak.
- I am familiar with helping buildings qualify for LEED certification, ENERGY STAR<sup>®</sup> status, and other classifications.
- I conduct audits and make recommendations for using less energy to do the same work. My recommendations are often low- or no-cost fixes that can save money.
- I excel at doing more with less.

# CHEMIST

- My job title requires a bachelor's degree and often post-graduate degrees or experience.
- I look for new ways to manufacture substances, or create new substances themselves. Some of the best things to come out of my field are medicines, biofuels, and adhesives.
- Besides protective eyewear and clothing, I need to have a properly ventilated workspace to remain safe.
- In the energy industry, I might be looking for new formulations of petroleum-based fuels that allow vehicles to operate more efficiently or have fewer polluting emissions.
- I may spend time in the lab, but periodically I like to form a good bond with others.

# POWER PLANT OPERATOR

- My job title requires a high school diploma and on-the-job training such as classroom work and hands-on experiences. I am often required to maintain a license for my position.
- My job requires that I constantly monitor supply and demand and ensure equipment, systems, valves, and sensors are working the way they should be for the current conditions. Safety is a priority.
- I read gauges, dials, and other controls to monitor my worksite. I need to be able to record and report data accurately.
- I often have to analyze the data I have gathered and make adjustments to keep electricity flowing.
- Lineworkers think they have all the power, but without me they're just stringing cable.

# PHOTOVOLTAICS INSTALLER (SOLAR INSTALLER)

- My job title requires a high school diploma and additional on-the-job training that can last a year or more.
- I routinely climb ladders, bringing heavy loads with me. I also use tape measures and power tools, and need to be able to do mental math with fractions quickly and accurately.
- I need to have a good understanding of electricity. Some states require that I am a licensed electrician but others do not. I am always supervised by an electrician if I am not licensed myself.
- It is helpful for me to have knowledge of welding and roofing systems to be able to perform my job.
- My job's industry is expected to grow significantly by 2030. How illuminating.